DEPARTMENT OF THE NAVY FISCAL YEAR (FY) 2007 BUDGET ESTIMATES SUBMISSION



JUSTIFICATION OF ESTIMATES FEBRUARY 2006

PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS BUDGET ACTIVITY 2

UNCLASSIFIED

DEPARTMENT OF THE NAVY FY 2007 PROCUREMENT PROGRAM

EXHIBIT P-1

DATE: FEBRUARY 2006

APPROPRIATION: 1508N PROCUREMENT OF AMMO, NAVY & MARINE CORPS

| | | | MILLIONS OF DOLLAR | S | C |
|------------------------------------|---|---------|--------------------|---------------|---|
| LINE | | FY 2005 | | FY 2007 | |
| NO ITEM NOMENCLATURE | | | QUANTITY COST | QUANTITY COST | |
| BUDGET ACTIVITY 02: PROC AMMO, MC | | | | | |
| MARINE CORPS AMMUNITION | | | | | |
| 17 5.56 MM, ALL TYPES | A | 34.6 | 37.0 | 24.4 | U |
| 18 7.62 MM, ALL TYPES | A | 13.7 | 13.6 | 14.8 | U |
| 19 LINEAR CHARGES, ALL TYPES | А | 23.4 | 40.6 | 8.0 | U |
| 20 .50 CALIBER | A | 11.3 | 34.4 | 6.4 | U |
| 21 40 MM, ALL TYPES | A | 32.1 | 58.4 | 39.4 | U |
| 22 60MM, ALL TYPES | А | 15.7 | 16.0 | 2.9 | U |
| 23 81MM, ALL TYPES | A | 34.8 | 17.0 | 57.4 | U |
| 24 120MM, ALL TYPES | A | 43.8 | 9.4 | 32.9 | U |
| 25 CTG 25MM, ALL TYPES | A | 8.4 | 2.1 | 9.5 | U |
| 26 9 MM ALL TYPES | A | 7.9 | | 4.2 | U |
| 27 GRENADES, ALL TYPES | A | 10.4 | 5.2 | 16.7 | U |
| 28 ROCKETS, ALL TYPES | A | 22.5 | 7.2 | 10.2 | U |
| 29 ARTILLERY, ALL TYPES | A | 57.3 | 43.4 | 35.5 | U |
| 30 EXPEDITIONARY FIGHTING VEHICLE | A | 2.5 | 5.7 | 9.5 | U |
| 31 DEMOLITION MUNITIONS, ALL TYPES | A | 15.1 | 5.8 | 8.3 | U |
| 32 FUZE, ALL TYPES | A | 15.6 | 3.6 | .6 | U |
| 33 NON LETHALS | В | 1.1 | 1.1 | 4.0 | U |
| 34 AMMO MODERNIZATION | A | 7.5 | 8.9 | 7.7 | U |

UNCLASSIFIED

DEPARTMENT OF THE NAVY FY 2007 PROCUREMENT PROGRAM

DATE: FEBRUARY 2006

APPROPRIATION: 1508N PROCUREMENT OF AMMO, NAVY & MARINE CORPS

MILLIONS OF DOLLARS

EXHIBIT P-1

| LINE NO | ITEM NOMENCLATURE | IDENT CODE | FY 2005 QUANTITY COS | FY 20 ST QUANTITY | 06 COST | FY 2007 QUANTITY COST | S E C |
|------------|---------------------------------------|---------------|-------------------------|----------------------|------------|--------------------------|-------------|
| | | | | | | | - |
| 35 ITEMS | LESS THAN \$5 MILLION | A | 4 | . 8 | 18.0 | | U |
| TOTAL PRO | C AMMO, MC | | 362 | . 4 | 327.4 | 292.5 | 5 |
| TOTAL PRO | CUREMENT OF AMMO, NAVY & MARINE CORPS | | 362 | . 4 | 327.4 | 292.5 | 5 |

PAGE N-2

Fiscal Year 2007 Budget Estimates Budget Appendix Extract Language

PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

For construction, procurement, production, and modification of ammunition, and accessories therefore; specialized equipment and training devices; expansion of public and private plants, including ammunition facilities, authorized by section 2854 of title 10, United States Code and the land necessary therefore, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes, \$789,943,000, to remain available for obligation until September 30, 2009, of which \$19,600,000 shall be available for the Navy Reserve and Marine Corps Reserve. (Department of Defense Appropriations Act, 2006.)



EXPECT FEDERAL PROGRAMS TO PERFORM WELL. AND BETTER EVERY YEAR.



PROGRAMView Similar Programs

RATING
What This Rating Means

PROGRAM ASSESSMENT

Marine Corps Expeditionary Warfare

Expeditionary warfare is the temporary use of Marine Corps force in foreign countries. The expeditionary warfare program consists of specific investment programs for aviation assets, amphibious ships, weapons systems, equipment, vehicles, ammunition, and research and development.

NOT PERFORMING

Results Not Demonstrated

- The Department of Defense has not set long-term performance measures to guide program management and budgeting for expeditionary warfare. It does not have program measures that asses the most important aspects of expeditionary warfare and its strategic goals.
- The Department of Defense will review the Marine Corps' lift requirements, both sea and air, and other expeditionary warfare capabilities as part of its 2005 Quadrennial Defense Review.
- Marine Corps expeditionary warfare fulfills a distinct role in the national defense. While both the Army and Marine Corps constitute the Nation's land forces, each force provides unique and complementary capabilities for carrying out military missions. Maritime-based Marines provide a swift and effective means of responding to crises.

IMPROVEMENT PLAN

About Improvement Plans

We are taking the following actions to improve the performance of the program:

 Developing a limited number of meaningful, long-term performance measures for the expeditionary warfare program.

LEARN MORE

- Details and Current Status of this program assessment.
- How all Federal programs are assessed.
- Learn more about Marine Corps Expeditionary Warfare.

| Exhibit P-40, Bu | udget I | Item Justi | fication | | | | Date: | | | |
|-------------------------|------------|---------------|----------------|--------------|---------------|--------------|--------------|---------|----------------|------------------|
| | | | | | | | FEBRUARY 200 | 6 | | |
| Appropriation Code/E | Budget A | ctivity/Seri | al Number: | | P-1 Item Nom | enclature: | | | | |
| Procurement of Ammunit: | ion, Navy | and Marine Co | orps/2/Ammunit | ion | (101000) 5.5 | 6MM, ALL TYP | ES | | | |
| Program Element for | Code B | Items: | | Other Relate | ed Program El | ements | | | | |
| | ID Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | To Complete | Total Program |
| Proc Qty | code | F1 2003 | F1 2000 | F1 2007 | F1 2006 | F1 2009 | F1 2010 | F1 2011 | Complete | Program |
| Gross Cost | А | 34.631 | 36.959 | 24.365 | 12.833 | 26.882 | 40.794 | 25.858 | | 202.322 |

Description: The Cartridge, Ball M855 10/Clip (DODIC A059) is the primary ball ammunition for the M16A2 Rifle and can be used in the M249 Squad Automatic Weapon (SAW) with a magazine.

The Cartridge, 5.56mm Dummy M199 (DODIC A060) is used in the M16 Rifle series for training personnel in loading or unloading, simulating fire and rifle inspection. The M199 Cartridge contains neither primer nor propellant.

The Cartridge, 5.56mm Ball M855 Linked (DODIC A062) is used in the M249 Squad Automatic Weapon (SAW) Machine Gun and is intended for training during dry conditions where tracer ammunition is restricted from use.

The Cartridge, 5.56mm 4 Ball M855/1 Tracer M856 Linked (DODIC A064) is the standard ammunition used for combat and training in the M249 Squad Automatic Weapon (SAW) Machine Gun. The M856 Tracer cartridge is intended to permit visible observation of the bullet's in-flight path or trajectory to the point of impact.

The Cartridge, 5.56mm Plastic Ball Practice M862 (DODIC A065) is a short range cartridge used for training purposes with the M16 and M4 Series Rifles adapted with the M2 bolt.

The Cartridge, 5.56mm Blank M200 Linked (DODIC A075) is used in the M249 Squad Automatic Weapon (SAW) Machine Gun. It is designed to simulate firing during training exercises. The cartridge is identified by a rosette crimp closure of the cartridge mouth.

The Cartridge, 5.56mm Blank M200 Single Round (DODIC A080) is used in the M16A2 Rifle and can be used in the M249 Squad Automatic Weapon (SAW) Machine Gun with a magazine. It is designed to simulate firing during training exercises. The cartridge can be identified by a rosette crimp closure of the cartridge mouth.

The Cartridge, 5.56mm Jacketed Frangible (DODIC AA40) is intended to penetrate soft targets with the projectile breaking up on impact with hard targets. The cartridge is used in the M16 series weapons.

The Cartridge, 5.56mm Ball M855 10/Clip Commercial Pack environmentally friendly (DODIC AA45 replacing A059) will be the ball ammunition for the M16A2 Rifle and can be used in the M249 Squad Automatic Weapon (SAW) with a magazine.

| Exhibit P-40, Budget Item 3 | Justifi | cation, Co | ontinued | | | | Date: | | | |
|--|----------|-----------------|----------|--------------|--------------|--------------|--------------|---------|----------|---------|
| | | | | | | | FEBRUARY 200 | 6 | | |
| Appropriation Code/Budget Activity | y/Serial | Number: | | | P-1 Item Nom | enclature: | | | | |
| Procurement of Ammunition, Navy and Ma | rine Cor | ps/2/Ammunition | ı | | (101000) 5.5 | 6MM, ALL TYP | ES | | | |
| Program Element for Code B Items: | | | | Other Relate | d Program El | ements | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | A | 34.631 | 36.959 | 24.365 | 12.833 | 26.882 | 40.794 | 25.858 | | 202.322 |

The Cartridge, 5.56mm special match, MK 262, Non-MOLY coated (Tactical)(DODIC AA53) round provides added lethality to the M4 weapon. This .77 grain cartridge enhances special operations capabilities.

Cartridge 5.56 Special Match Molydenum Coated (DODIC AA67). This cartridge is in support of the Marine Corps Competition in Arms Program.

The Cartridge, 5.56mm Plastic Ball Practice M862 (DODIC AA68) is a short range cartridge used for training purposes with the M16 and M4 Series Rifles adapted with the M2 bolt. The M862 Cartridge contains a plastic projectile made of a polycarbonate blend.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

| DODIC / Description | FY05 Supplemental Dollars Received |
|--------------------------------|---|
| A059, M885 Ball | 1.211 |
| A064, 4 Ball M855/1 TR M856 | 4.715 |
| Total 5.56MM, All Types | 5.926 |

| Exhibit P-40a, Budget Item Justifi | cati | on for A | ggregate | d Items | | | | Date: | | |
|---|------------|-----------|-----------|------------|------------|-------|---|------------|----------------|-------|
| | | | | | | | | FEBRUARY 2 | 2006 | |
| Appropriation Code/Budget Activity/Serial N | | | | P-1 Item N | | | | | | |
| Procurement of Ammunition, Navy and Marine Corps/ | | nition | | (101000) 5 | .56MM, ALI | TYPES | 1 | ı | 1 | |
| | ID Code | FY2005 | FY2006 | FY2007 | | | | | To Complete | Total |
| AA40, CTG, 5.56MM FRANGIBLE | А | 0.000 | 0.000 | 0.098 | | | | | | |
| QTY | | 0 | 0 | 376,923 | | | | | | |
| | | | | | | | | | | |
| AA53, CTG, 5.56MM NON MOLY COATED | А | 2.000 | 0.000 | 0.197 | | | | | | |
| QTY | | 3,773,584 | 0 | 371,698 | | | | | | |
| | | | | | | | | | | |
| AA67, CTG 5.56MM MOLLY COATED | А | 0.451 | 0.721 | 0.492 | | | | | | |
| QTY | | 902,000 | 1,360,377 | 984,000 | | | | | | |
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| | | | | | | | | | | |
| P40a Total | | 2.451 | 0.721 | 0.787 | | | | | | |

| Exhibit P-5, Cost Analysis | Weapon S | ystem | | | Date: FEBRUARY 2006 | | | | | | |
|---|------------|------------|----------|----------|------------------------|-------|--------|------------|------|---|--|
| Appropriation Code/Budget Activity/Serial | Number: | | ID Code: | P-1 Line | Item Nomencla | ture: | | | | | |
| Procurement of Ammunition, Navy and Marine Corps | s/2/Ammuni | tion | A | (101000) | 5.56MM, ALL T | YPES | | | | | |
| | | FY05 | | | FY06 | | | FY07 | | | |
| | Total | | Unit | Total | | Unit | Total | | Unit | | |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | | |
| HARDWARE | | | | | | | | | | | |
| A059, CTG, 5.56MM BALL* | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 12.428 | 59,281,818 | 0.21 | 26.633 | 116,458,333 | 0.23 | 18.770 | 78,207,692 | 0.24 | | |
| BOX METAL M2A1(EA) | 0.500 | 68,212 | 7.33 | 1.072 | 149,511 | 7.17 | 0.934 | 101,082 | 9.24 | | |
| A060, CTG, 5.56MM DUMMY | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | 0.027 | 60,000 | 0.45 | | | | | |
| A062, CTG, 5.56MM BALL LINKED* | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 0.313 | 1,280,000 | 0.24 | 0.639 | 2,332,142 | 0.27 | 0.267 | 1,011,111 | 0.26 | | |
| A064, CTG, 5.56MM 4 & 1 LINKED* | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 12.797 | 32,140,000 | 0.40 | 1.136 | 3,050,000 | 0.37 | 1.855 | 3,814,285 | 0.49 | | |
| A065, CTG, 5.56MM PLASTIC* | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 0.015 | 36,538 | 0.41 | 1.805 | 4,396,153 | 0.41 | 0.516 | 1,257,692 | 0.41 | | |
| A075, CTG, 5.56MM BLANK LINKED* | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 1.882 | 7,958,333 | 0.24 | 1.301 | 4,200,000 | 0.31 | 0.091 | 337,931 | 0.27 | | |
| A080, CTG, 5.56MM BLANK* | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 3.220 | 34,650,000 | 0.09 | 1.821 | 16,658,333 | 0.11 | 0.319 | 2,058,823 | 0.15 | | |
| BOX METAL M2A1(EA) | 0.189 | 25,961 | 7.28 | 0.109 | 15,202 | 7.17 | 0.018 | 1,948 | 9.24 | | |
| AA45, CTG, 5.56MM BALL M855, NO LEAD* | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 0.025 | 41,791 | 0.60 | 0.732 | 2,000,000 | 0.37 | | | | | |
| AA68, CTG 5.56MM SRTA | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 0.509 | 1,038,461 | 0.49 | | | | | | | | |
| PRODUCT | | | | | | | | | | | |
| ACCEPTANCE TESTING | 0.020 | | | 0.341 | | | 0.312 | | | | |
| INDUSTRIAL STOCK SUPPORT | 0.003 | | | 0.179 | | | 0.034 | | | | |
| PRODUCTION ENGINEERING | 0.246 | | | 0.408 | | | 0.455 | | | | |
| QUALITY ASSURANCE | 0.033 | | | 0.035 | | | 0.007 | | | 1 | |
| *UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS | | | | | | | | | | | |
| moma i | 20 100 | | | 26 000 | | | 22 552 | | | | |
| TOTAL | 32.180 | <u> </u> | | 36.238 | | | 23.578 | | | | |

| Exhibit P-5a, Procurem | ent Histo | ry and | Planning | | Weapon Sys | stem | Date: | | | |
|---------------------------------|--------------|------------|----------------------|----------|------------|---------------------------------|----------|--|--------------|--------------|
| | | | | | | | FEBRUARY | 2006 | | |
| Appropriation Code/Budget Ac | tivity/Seri | al Number | :: | P-1 Line | Item Nomer | clature: | | | | |
| Procurement of Ammunition, Navy | and Marine (| Corps/2/Am | munition | (101000) | 5.56MM, AI | L TYPES | _ | | | |
| | | | | RFP | Contract | | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | Revisions |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| A059, CTG, 5.56MM BALL | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 59,281,818 | 0.21 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | NOV 04 | NOV 05 | YES | |
| FY 2006 | 116,458,333 | 0.23 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 06 | OCT 06 | YES | |
| FY 2007 | 59,100,000 | 0.24 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 07 | OCT 07 | YES | |
| FY 2007 | 19,107,692 | 0.24 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | GENERAL DYNAMICS, FL | JUN 07 | MAR 08 | YES | |
| BOX METAL M2A1(EA) | | | | | | | | | | |
| FY 2005 | 68,212 | 7.33 | JMC, ROCK ISLAND, IL | OCT 04 | C/FP | BROCKWAY STANDARD, ATLANTA, GA | FEB 05 | AUG 05 | YES | |
| FY 2006 | 28,211 | 7.17 | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BEST FOAM FAB, CHICAGO, IL | MAR 06 | SEP 06 | YES | |
| FY 2006 | 121,300 | 7.17 | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BROCKWAY STANDARD, ATLANTA, GA | JUN 06 | SEP 06 | YES | |
| FY 2007 | 82,489 | 9.24 | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BROCKWAY STANDARD, ATLANTA, GA | MAR 07 | SEP 07 | YES | |
| FY 2007 | 18,593 | 9.24 | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BEST FOAM FAB, CHICAGO, IL | JUN 07 | SEP 07 | YES | |
| A060, CTG, 5.56MM DUMMY | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2006 | 60,000 | 0.45 | MCSC, QUANTICO, VA | APR 06 | SS/FP | UNKNOWN | SEP 06 | MAR 07 | YES | |
| A062, CTG, 5.56MM BALL LINKED | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 1,280,000 | 0.24 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | MAR 05 | OCT 05 | YES | |
| FY 2006 | 2,332,142 | 0.27 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | FEB 06 | OCT 06 | YES | |
| FY 2007 | 1,011,111 | 0.26 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 07 | OCT 07 | YES | |
| A064, CTG, 5.56MM 4 & 1 LINKED | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 32,140,000 | 0.40 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | NOV 04 | OCT 05 | YES | |
| FY 2006 | 3,050,000 | 0.37 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | DEC 05 | OCT 06 | YES | |
| FY 2007 | 3,708,985 | 0.49 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 07 | OCT 07 | YES | |
| FY 2007 | 105,300 | 0.49 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | GENERAL DYNAMICS, FL | JUN 07 | MAR 08 | YES | |
| A065, CTG, 5.56MM PLASTIC | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 36,538 | 0.41 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | OLIN WINCHESTER, EAST ALTON, IL | MAR 05 | MAR 06 | YES | |
| FY 2006 | 4,396,153 | 0.41 | | UNKNOWN | SS/FP | UNKNOWN | MAR 06 | MAR 07 | NO | |
| FY 2007 | 1,257,692 | 0.41 | JMC, ROCK ISLAND, IL | UNKNOWN | SS/FP | UNKNOWN | MAR 07 | MAR 08 | NO | |
| | | | | | | | - | | - | |
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| Exhibit P-5a, Procureme | ent Histo | ry and | Planning | | Weapon Sys | stem | Date: | | | |
|---------------------------------|--------------|-----------|----------------------|----------|------------|--------------------------------|----------|----------|-----------|-----------|
| | | | | | | | FEBRUARY | 2006 | | |
| Appropriation Code/Budget Act | civity/Seri | al Numbe | r: | P-1 Line | Item Nomer | nclature: | | | | |
| Procurement of Ammunition, Navy | and Marine C | orps/2/Am | munition | (101000) | 5.56MM, AI | L TYPES | | | | |
| | | | | RFP | Contract | | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | Revisions |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| A075, CTG, 5.56MM BLANK LINKED | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 7,958,333 | 0.24 | JMC, ROCK ISLAND, IL | OCT 04 | C/FFP | ALLIANT TECH, INDEPENDENCE, MO | NOV 04 | NOV 05 | YES | |
| FY 2006 | 4,200,000 | 0.31 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | FEB 06 | OCT 06 | YES | |
| FY 2007 | 337,931 | 0.27 | JMC, ROCK ISLAND, IL | OCT 04 | C/FFP | ALLIANT TECH, INDEPENDENCE, MO | JAN 07 | OCT 07 | YES | |
| | | · | | | | | | | | |
| A080, CTG, 5.56MM BLANK | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 34,650,000 | 0.09 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | NOV 04 | NOV 05 | YES | |
| FY 2006 | 16,658,333 | 0.11 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | FEB 06 | OCT 06 | YES | |
| FY 2007 | 1,550,061 | 0.15 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 07 | OCT 07 | YES | |
| FY 2007 | 508,762 | 0.15 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 07 | MAR 08 | YES | |
| BOX METAL M2A1 (EA) | | | | | | | | | | |
| FY 2005 | 25,961 | 7.28 | JMC, ROCK ISLAND, IL | OCT 04 | C/FFP | BROCKWAY STANDARD, ATLANTA, GA | FEB 05 | JUL 05 | YES | |
| FY 2006 | 12,241 | 7.17 | JMC, ROCK ISLAND, IL | OCT 04 | C/OPT | BROCKWAY STANDARD, ATLANTA, GA | MAR 06 | SEP 06 | YES | |
| FY 2006 | 2,961 | 7.17 | JMC, ROCK ISLAND, IL | OCT 04 | C/OPT | BEST FOAM FAB, CHICAGO, IL | JUN 06 | SEP 06 | YES | |
| FY 2007 | 1,948 | 9.24 | JMC, ROCK ISLAND, IL | OCT 04 | C/OPT | BROCKWAY STANDARD, ATLANTA, GA | MAR 07 | SEP 07 | YES | |
| | | | | | | | | | | |
| AA45, CTG, 5.56MM BALL M855, NO | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 41,791 | 0.60 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 05 | OCT 05 | YES | |
| FY 2006 | 2,000,000 | 0.37 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 06 | OCT 06 | YES | |
| | | | | | | | | | | |
| AA68, CTG 5.56MM SRTA | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 1,038,461 | 0.49 | ARDEC, PICATINNY, NJ | OCT 04 | C/FFP | OLIN ORDNANCE, MARION, IL | MAR 05 | OCT 05 | YES | |
| | | | <u> </u> | | | | | | | |
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| Procurement of Ammuni | cion, Nav | vy and | d Mari | ine C | orps/ | 2/Amm | uniti | on | | | Syst | em | | (101 | .000) | DOD | IC: Z | A059, | CTG | , 5.5 | б6ММ | BALL | | | | | | | | |
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| | | | | | | | | | Cale | ndar | Year | | 2005 | | | | | | | | Cale | ndar ' | Year | | 2006 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | F | M | A | M | J | J | A | S | 0 | N | D - | J | F | M | A | М | J | J | A | S | В |
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| A059 | 2005 | MC1 | 59.3 | Т | 59.3 | 1 | A | C | IN | В | K | R | Y | IN | ь | G | Р | Т | 0.7 | 3.1 | 5.7 | 13.0 | | 9.0 | 7.4 | + | 1.8 | G | 4.2 | Т |
| A037 | | MC2 | 116.5 | 0 | 116.5 | _ | Α. | | | | | | | | | | | | 0.7 | 3.1 | A. / | 13.0 | 11.0 | 9.0 | 7.1 | 3.4 | 1.0 | | 7.2 | 116.5 |
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| | | | | Б | | | | Б | _ | ndar | | | 2007 | _ | - | | | | 37 | Б | Cale: J | ndar ' | _ | | 2008 | _ | - | , | - | ъ |
| | F | s v | Q T | D E | B A | O C | N O | D E | J A | F E | M A | A P | M A | J U | J | A U | S E | O C | N O | D E | A | F E | M A | A P | M A | J | J | A U | S E | B A |
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| | 2006 | MC2 | 116.5 | 0 | 116.5 | 10.0 | 10.0 | 9.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 7.5 | | | | | | | | | | | | | 0 |
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| Exhibit P-21, Pro | oduct | cion | Scł | nedu | ıle | | | | | | | | | Date | ·: | | | | | | | | | | | | | | | |
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| | | | | | | • | | | Cale | ndar | Year | | 2005 | | | | | | | | Cale | ndar | Year | | 2006 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | F | M | A | M | J | J | A | S | 0 | N | D | J | F | М | A | M | J | J | A | S | В |
| | F | V | Т | E | A | C | 0 | E | A | E | A | P | A | U | U | U | E | C | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Y | С | Y | L | L | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | С | N | В | R | R | Y | N | L | G | P | L |
| A064 | 2005 | MC1 | 32.1 | 0 | 32.1 | | A | | | | | | | | | | | 1.6 | 1.2 | | 7.2 | 5.1 | | 2.5 | 3.6 | 2.5 | 2.0 | 5.2 | 1.2 | (|
| | 2006 | MC2 | 3.05 | 0 | 3.05 | | | | | | | | | | | | | | | A | | | | <u> </u> | | | | <u> </u> | | 3.05 |
| | 2007 | MC3 | 3.71 | 0 | 3.71 | | | | | | | | | | | | | | | | | | | | | | | <u> </u> | | 3.7 |
| | 2007 | MC4 | 0.11 | 0 | 0.11 | | | | | | | | | | | | | | | | | | | | | | | <u> </u> | | 0.13 |
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| | 1 | S | Q | D | В | 0 | N | D | Cale | ndar F | Year M | A | 2007 M | J | J | A | S | 0 | N | D | Cale | ndar F | Year M | A | 2008 M | J | J | A | S | В |
| | F | V | T | E | A | C | 0 | E | A | E | A | P | A | Ū | Ū | U | E | C | 0 | E | A | E | A | P | A | U | Ū | U | E | A |
| Item | Υ | C | Y | L | L | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| A064 | 2005 | MC1 | 32.1 | 32.1 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | - (|
| | 2006 | MC2 | 3.05 | 0 | 3.05 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 0.25 | 0.25 | 0.25 | 0.22 | | | | | | | | | | | | | |
| | 2007 | MC3 | 3.71 | 0 | 3.71 | | | | A | | | | | | | | | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.25 | 0.25 | 0.25 | 1.04 | |
| | 2007 | MC4 | 0.11 | 0 | 0.11 | | | | | | | | | A | | | | | | | | | 0.09 | 0.02 | | | | | | - |
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| REMARKS: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Exhibit P-40, Bu | udget I | Item Justi | fication | | | | Date: | | | |
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| Appropriation Code/I | ation Code/Budget Activity/Serial Number nt of Ammunition, Navy and Marine Corps/2/Am Element for Code B Items: ID Code FY 2005 FY 20 | | al Number: | | P-1 Item Nom | enclature: | | | | |
| Procurement of Ammunit | ion, Navy | and Marine Co | orps/2/Ammunit | ion | (102000) 7.6 | 2MM, ALL TYP | PES | | | |
| Program Element for | Code FY 2005 FY oc Qty | | | Other Relate | ed Program El | ements | | | | |
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Description: The Cartridge, 7.62MM (DODIC A102) ball ammunition is designed for use with the AK47 rifle to provide simulated enemy actions during training evolutions.

The Cartridge, 7.62MM blank (DODIC A103) is designed for training exercises to simulate live fire with the AK47 assault rifle.

The Cartridge, 7.62MM Blank M82 Linked (DODIC All1) is used with blank firing attachments to simulate firing during training exercises with the M240 Machine Guns.

The Cartridge, 7.62MM 4 Ball M80/1 Tracer M62 Linked (DODIC A131) is mainly used in the M240 Machine Guns against personnel and unarmored targets. The M62 Tracer round is intended to permit visible observation of the bullet's in-flight path or trajectory to the point of impact.

The Cartridge, 7.62MM Ball M80 Linked (DODIC A143) is used mainly in the M240 machine guns against personnel and unarmored targets. The DODIC A143 is used to augment DODIC A131 as dictated by local fire conditions.

The Cartridge, 7.62MM 4 M80 Ball/1 M62 Tracer Linked (DODIC A151) is mainly used in the M240 Machine Gun for training when overhead fire is required. The M62 Tracer round is intended to permit visible observation of the bullet's in-flight path or trajectory to the point of impact.

The Cartridge, 7.62MM Long Range M118 LR (DODIC AA11) is intended for long-range sniper and match firing and is used in the M86 Sniper and the M14 Rifles. This cartridge is used in training and for missions demanding accurate single fire that typically involves sniper and marksmanship applications.

The 7.62MM 4 Ball M80/1 Tracer M62 Linked (DODIC X131) environmentally friendly (lead free) is mainly used in the M240 Machine Guns against personnel and unarmored targets. The M80 and M62 cartridges consist of lead free composites and are intended for use against enemy personnel and for security purposes. The M62 Tracer round is intended to permit visible observation of the bullet's in-flight path or trajectory to the point of impact.

| Exhibit P-40, Budget It | em Jus | tification | | | | | Date: | | | | |
|-----------------------------------|---|----------------|-----------|--------------|---------------|--------------|--------------|--------------|-------------|-------------|---------|
| | | | | | | | FEBRUARY 200 | 6 | | | |
| Appropriation Code/Budget Act | ivity/S | erial Number | : | | P-1 Item Nom | enclature: | | | | | |
| Procurement of Ammunition, Navy a | nd Marin | e Corps/2/Ammu | nition | | (102000) 7.6 | 2MM, ALL TYP | ES | | | | |
| Program Element for Code B It | ems: | | | Other Relate | ed Program El | ements | | | | | |
| | | | | | | | | | | | |
| | ID | | | | | | | | | To | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | | Complete | Program |
| Proc Qty | | | | | | | | | | | |
| Gross Cost | riation Code/Budget Activity/Serial Number: ment of Ammunition, Navy and Marine Corps/2/Ammuniti m Element for Code B Items: ID Code FY 2005 F | | | | 5.698 | 8.721 | 6.430 | 6.821 | | | 69.714 |
| Funding changes are based on | changes | in the Total | Munitiona | Poguiromont | the unit pr | igo of the r | ounda produ | rtion iggues | MCCDC price | rition abor | agog in |

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

| DODIC / Description | FY05 Supplemental Dollars Received |
|-----------------------------|---|
| A131, 4 Ball M80/1TR M62 | 3.444 |
| Total 7.62mm, All Types | 3.444 |

| Exhibit P-40a, Budget Item Justifi | cati | on for A | ggregate | d Items | | | | | Date: | | |
|---|------------|----------|-----------|------------|-------------|-------|---|---|------------|----------------|-------|
| | | | 1 | | | | | | FEBRUARY 2 | 2006 | |
| Appropriation Code/Budget Activity/Serial N | | | | | Jomenclatur | | | | | | |
| Procurement of Ammunition, Navy and Marine Corps/ | | nition | | (102000) 7 | .62MM, ALI | TYPES | 1 | 1 | ı | 1 | |
| | ID Code | FY2005 | FY2006 | FY2007 | | | | | | To Complete | Total |
| A102, CTG, 7.62MM X 39 FOR AK-47 | А | 0.086 | 0.980 | 0.165 | | | | | | | |
| QTY | | 286,666 | 3,266,666 | 550,000 | | | | | | | |
| | | | | | | | | | | | |
| A103, CTG 7.62MM X 39 BLANK F/AK-47 | А | 0.234 | 0.000 | 0.049 | | | | | | | |
| QTY | | 754,838 | 0 | 158,064 | | | | | | | |
| | | | | | | | | | | | |
| X131, CTG 7.62MM REHA | А | 0.400 | 0.000 | 0.000 | | | | | | | |
| QTY | | 769,230 | 0 | 0 | | | | | | | |
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| | | | | | | | | | | | |
| P40a Total | | 0.720 | 0.980 | 0.214 | | | | | | | |

| Exhibit P-5, Cost Analysis | Weapon S | ystem | | | Date: | | | | | | |
|---|------------|------------|----------|----------|------------|----------|--------|------------|------|--|---|
| | | | | | FEBRUARY 2 | 2006 | | | | | |
| Appropriation Code/Budget Activity/Serial | Number: | | ID Code: | P-1 Line | Item Nome | nclature | : | | | | |
| Procurement of Ammunition, Navy and Marine Corp | s/2/Ammuni | ition | A | (102000) | 7.62MM, A | LL TYPES | | | | | |
| | | FY05 | • | | FY06 | | | FY07 | | | |
| | Total | | Unit | Total | | Unit | Total | | Unit | | |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | | |
| HARDWARE | | | | | | | | | | | |
| Alll, CTG, 7.62MM BLANK LINKED* | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 2.326 | 8,460,714 | 0.27 | | | | | | | | |
| A131, CTG, 7.62MM 4 & 1 LINKED* | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 10.426 | 19,470,400 | 0.52 | 7.528 | 14,476,330 | 0.51 | 12.206 | 19,940,355 | 0.61 | | |
| A143, CTG, 7.62MM BALL LINKED* | | | | | | | | | | | - |
| LOAD, ASSEMBLE & PACK (LAP) | | | | 2.510 | 4,837,735 | 0.52 | 0.595 | 1,127,272 | 0.53 | | |
| A151, CTG, 7.62MM 4 & 1 LINKED* | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | 0.963 | 2,425,000 | 0.40 | 0.468 | 1,123,809 | 0.42 | | |
| AA11, CTG, 7.62MM BALL LONG RANGE* | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | 1.285 | 2,294,827 | 0.58 | 1.067 | 1,839,344 | 0.58 | | |
| BOX, METAL, MA1 (EA) | | | | 0.036 | 5,027 | 7.16 | 0.038 | 4,029 | 9.43 | | |
| PRODUCT | | | | | | | | | | | |
| PRODUCTION ENGINEERING | 0.123 | | | 0.221 | | | 0.149 | | | | |
| QUALITY ASSURANCE | 0.123 | | | 0.005 | | | 0.001 | | | | |
| ACCEPTANCE TESTING | 0.084 | | | 0.023 | | | 0.076 | | | | |
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| *UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS | | | | | | | | | | | |
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| | | | | | | | | | | | |
| TOTAL | 12.959 | | | 12.571 | | | 14.600 | | | | |

| Exhibit P-5a, Procurem | ent Histor | ry and F | lanning | | Weapon Sys | stem | Date: | | | |
|----------------------------------|--|------------|----------------------|----------|------------|-------------------------------------|----------|----------|-----------|--------------|
| | | | | | | | FEBRUARY | 2006 | | |
| Appropriation Code/Budget Ac | tivity/Seria | al Number: | | P-1 Line | Item Nomen | clature: | | | | |
| Procurement of Ammunition, Navy | = | | | (102000) | 7.62MM, AL | L TYPES | | | | |
| | | * | | RFP | Contract | | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| HARDWARE | Z-1 | 0050 | necessian of tee | Date | ana 17pc | concraced and bodderen | Date | Delivery | | IIVallable |
| A111, CTG, 7.62MM BLANK LINKED | 1 | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 8,460,714 | 0.27 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 05 | FEB 06 | YES | <u> </u> |
| F1 2005 | 8,400,714 | 0.27 | UMC, ROCK ISLAND, IL | 001 04 | 55/12 | ALLIANI IECH, INDEPENDENCE, MO | UAIN US | 7 E D 00 | IES | |
| A131, CTG, 7.62MM 4 & 1 LINKED | 1 | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | 1 | | |
| FY 2005 | 10,630,400 | 0.52 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 05 | FEB 06 | YES | |
| FY 2005 | 8,840,000 | 0.52 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | GENERAL DYNAMICS, FL | JAN 05 | MAR 06 | YES | |
| FY 2006 | 7,093,402 | 0.51 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 06 | JAN 07 | YES | |
| FY 2006 | 7,382,928 | 0.51 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | GENERAL DYNAMICS, FL | JAN 06 | MAR 07 | YES | |
| FY 2007 | 14,955,266 | 0.61 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 07 | OCT 07 | YES | |
| FY 2007 | 4,985,089 | 0.61 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | GENERAL DYNAMICS, FL | JAN 07 | MAR 08 | YES | |
| | | | | | | | | | | |
| A143, CTG, 7.62MM BALL LINKED | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2006 | 4,837,735 | 0.52 | JMC, ROCK ISLAND, IL | OCT 05 | SS/FP | GENERAL DYNAMICS, FL | JUN 06 | MAR 07 | YES | |
| FY 2007 | 836,563 | 0.53 | JMC, ROCK ISLAND, IL | OCT 05 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 07 | OCT 07 | YES | |
| FY 2007 | 290,709 | 0.53 | JMC, ROCK ISLAND, IL | OCT 05 | SS/FP | GENERAL DYNAMICS, FL | JUN 07 | MAR 08 | YES | <u> </u> |
| | | | | | | | | | | <u> </u> |
| A151, CTG, 7.62MM 4 & 1 LINKED | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | 01 | | | - |
| FY 2006 | 2,425,000 | 0.40 | · | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | FEB 06 | NOV 06 | YES | - |
| FY 2007 | 1,123,809 | 0.42 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 07 | OCT 07 | YES | |
| AA11, CTG, 7.62MM BALL LONG RANG | | | | | | | + | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 1 | | | | | | | | | |
| FY 2006 | 2,294,827 | 0.58 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FFP | ALLIANT TECH, INDEPENDENCE, MO | FEB 06 | OCT 06 | YES | |
| FY 2007 | 1,839,344 | 0.58 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FFP | ALLIANT TECH, INDEPENDENCE, MO | JAN 07 | OCT 07 | YES | |
| BOX, METAL, M2A1(EA) | 1,033,1311 | 0.50 | one, near issue, is | 001 01 | 55,111 | INDEPENDENT TROOP, THE PROPERTY THE | 01111 07 | 001 07 | 120 | |
| FY 2006 | 1,127 | 7.16 | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BEST FOAM FAB, CHICAGO, IL | MAR 06 | SEP 06 | YES | |
| FY 2006 | 3,900 | 7.16 | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BROCKWAY STANDARD, ATLANTA, GA | JUN 06 | SEP 06 | YES | |
| FY 2007 | 983 | 9.43 | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BEST FOAM FAB, CHICAGO, IL | MAR 07 | SEP 07 | YES | |
| FY 2007 | 3,046 | 9.43 | | OCT 04 | C/OP | BROCKWAY STANDARD, ATLANTA,GA | JUN 07 | SEP 07 | YES | |
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| Exhibit P-21, | Produc | tion | ı Sch | nedu | ıle | | | | | | | | | Date | : | | | | | | | | | | | | | | | |
|---------------------|------------|--------------|--------|--------|----------|-------|--------|-----|-------|-----------|--|--|-----------|--------|-------|--------|--|--------|--------|-------|--------|-----------|----------|----------|-----------|------|--------------|--------|--------|--|
| | | | | | | | | | | | | | | FEBR | UARY | 2006 | 6 | | | | | | | | | | | | | |
| Appropriation Cod | de/Budget | Acti | vity/ | /Seri | ial N | umbe | r: | | | | Wear | on | | P-1 | Line | Iter | m Non | nencl | atur | e: | | | | | | | | | | |
| Procurement of Ammu | nition, Na | y and | d Mari | ne C | orps/ | 2/Amm | uniti | on | | | Syst | em | | (102 | (000 | DOD: | IC: A | 131, | CTG | , 7.6 | 52MM | 4 & | 1 LI | NKED | | | | | | |
| | | | | | | | | | PRO | ODUCT | ION R | ATE | | | | |] | PROCUI | REMEN | r LEA | DTIME | S | | | | | | | | |
| | | Manu | factur | rer's | Name | | | | | | | | | ALT I | Prior | to | ALT A | After | | Init: | ial M | fg | Reor | der M | fg | | | Unit | of | |
| Item | | and | Locati | ion | | | | М | SR | E | CON | M | AX | Oct : | 1 | | Oct : | 1 | | PLT | | | PLT | | | Tota | 1 | Measu | ıre | |
| | | 1 AL | LIANT | TECH | [, | | | | | | | | | | | | | | | | | | | | | | | | | |
| A131 | | INDE | PENDEN | NCE, | MO | | | | 0 | 13 | 3.9 | 47 | 7.8 | | 6 | | | 3 | | | 13 | | | 13 | | 1 | 16 | | М | |
| | | 2 AL | LIANT | TECH | Ι, | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | INDE | PENDEN | NCE, | MO | | | | 0 | 13 | 3.9 | 47 | 7.8 | | 6 | | | 3 | | | 12 | | | 12 | | 1 | L5 | | M | |
| | | | LIANT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | PENDEN | | | | | | 0 | | 3.9 | | 7.8 | | 6 | | | 3 | | | 9 | | | 9 | | | 12 | | M | |
| | | 4 GE | NERAL | DYNA | MICS, | FL | | | 0 | 5 | .0 | 10 | 0.0 | | 6 | | - | 3 | | | 14 | | | 14 | | | 17 | | М | |
| | |] | | | | - · | | | | 000 | | <u> </u> | | | | | | T _ : | - | | | 005 | | | | | | | | |
| | | | | | | Fisc | cal Ye | ear | - · | 2005 | | | 000- | | | | | Fisc | cal Ye | ear | ~ 1 | 2006 | | | 000- | | | | | |
| | ı | - | | F. | Б | | 7.7 | D | Cale | ndar F | | 3 | 2005 M | - | - | 7. | - | | 3.7 | D | | ndar F | | 3 | 2006 M | - | - | 7. | C | Б |
| | F | s v | Q T | D E | B A | 0 | N O | E | A | F E | M A | A P | M A | J U | J | A U | S E | 0 | N O | E | J A | F E | M A | A P | M A | J | J | A U | S E | B A |
| Item | Y | C | Y | L | L | Т | v | C | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| A131 | 2005 | MC1 | 10.63 | | 10.63 | | | | А | | | | | | | | | | | | | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1 | | | 0 |
| | 2005 | MC4 | 8.84 | 0.0 | _ | | | | A | | | | | | | | | | | | | | 1.0 | | 1.0 | 1.0 | | 1.0 | 1.0 | 1.84 |
| | 2006 | MC2 | 7.09 | 0 | 7.09 | | | | | | | | | | | | | | | | A | | | | | | | | | 7.09 |
| | 2006 | MC4 | 7.38 | 0 | 7.38 | | | | | | | | | | | | | | | | A | | | | | | | | | 7.38 |
| | 2007 | MC3 | 15.0 | 0 | 15.0 | | | | | | | | | | | | | | | | | | | | | | | | | 15.0 |
| | 2007 | MC4 | 4.99 | 0 | 4.99 | | | | | | | | | | | | | | | | | | | | | | | | | 4.99 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | • | | | | | Fisc | cal Ye | ear | | 2007 | | | | | | | | Fisc | cal Ye | ear | | 2008 | | | | | | | | |
| | | | | | | | | | Caler | ndar | Year | | 2007 | | | | | | | | Caler | ndar | Year | | 2008 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | F | M | A | М | J | J | A | S | 0 | N | D | J | F | М | A | M | J | J | A | S | В |
| | F | V | Т | E | A | С | 0 | E | A | E | A | P | A | U | Ū | Ū | E | C | 0 | E | A | E | A | P | A | U | Ū | U | E | A |
| Item | Y | С | Y | L | L | T | V | C | N | В | R | R | Y | N | L | G | P | T | V | С | N | В | R | R | Y | N | L | G | P | L |
| A131 | 2005 | MC1 | 10.63 | _ | _ | | | | | | | <u> </u> | | | | | <u> </u> | | | | | | | | <u> </u> | | - | | | 0 |
| | 2005 | MC4 | 8.84 | 7.0 | + | 1.0 | 0.84 | | _ | _ | | | _ | | _ | _ | | | | | | | | | | | - | | | 0 |
| | 2006 | MC2 | 7.09 | 0 | 7.09 | | | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.50 | 0.50 | 0.09 | | | | | | | | <u> </u> | | - | | | 0 |
| | 2006 | MC4 | 7.38 | 0 | 7.38 | | | | | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.38 | | | _ | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | | | 0 |
| | 2007 | MC3 | 15.0 | 0 | 15.0 | | | | A | | - | | | | | | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 0 |
| | 2007 | MC4 | 4.99 | 0 | 4.99 | - | - | | A | - | | | - | - | - | | | | | | | - | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.79 | 0 |
| | | | | | <u> </u> | - | - | | - | - | | | - | - | - | | | | | | | - | - | - | - | - | | - | | |
| | | 1 | | | <u> </u> | | - | | | | 1 | 1 | - | | - | | - | | | | | - | | - | - | - | 1 | | | - |
| | | | | | <u> </u> | - | - | | - | - | | | - | - | - | | | | | | | - | - | - | - | - | | - | | |
| | | 1 | | | <u> </u> | | - | | | | 1 | 1 | - | | - | | - | | | | | - | | - | - | - | 1 | | | - |
| | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | • |

| Exhibit P-40, Budget Item | Just | ification | | | | | Date: | | | | |
|--|--|-----------|--------------|----------------|--------------|--------------|--------------|---------|----|----------|---------|
| | opriation Code/Budget Activity/Serial Number: rement of Ammunition, Navy and Marine Corps/2/Ammunition | | | | | | FEBRUARY 200 | 6 | | | |
| propriation Code/Budget Activity/Serial Number: courement of Ammunition, Navy and Marine Corps/2/Ammunition ogram Element for Code B Items: ID Code FY 2005 FY | | | | | P-1 Item Nom | enclature: | | | | | |
| ppropriation Code/Budget Activity/Serial Number: rocurement of Ammunition, Navy and Marine Corps/2/Ammunition rogram Element for Code B Items: ID Code FY 2005 F | | | .on | | (103000) LIN | EAR CHARGES, | ALL TYPES | | | | |
| Code FY 2005 FY Proc Qty | | | Other Relate | ed Program Ele | ements | | | | | | |
| Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition Program Element for Code B Items: ID Code FY 2005 F | | | | | | | | | То | Total | |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | | Complete | Program |
| Proc Qty | munition, Navy and Marine Corps/2/Ammunition (103000) LINEAR CHARGES, ALL TYPES Tor Code B Items: Other Related Program Elements To Code FY 2005 FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 Complete | | | | | | | | | | |
| Gross Cost | A | 23.394 | 40.592 | 8.032 | 0.019 | 24.825 | 21.778 | 17.589 | | | 136.229 |

Description: The Rocket Motor, 5-inch MK22 Mod 4 (DODIC J143) is a solid-fuel motor used for towing M58, M59, M68A2, and M69 Linear Demolition Charges (LDCs) into the air over obstacles or minefields for breaching, training, or test applications. The rocket motor is approximately 77 inches long, 5 inches in diameter, weighs 128 pounds, and contains 42 pounds of N-5 double-base propellant.

The Charge, Demolition High Explosive Linear M58A4 (DODIC M913) is a trailer-mounted and rocket-towed linear demolition charge designed to provide a clear path for combat vehicles during minefield and barrier breaching operations. The demolition section consists primarily of a 3/4-inch nylon core rope, 700 composition C4 demolition blocks, and two strands of pentaerythritol tetranitrate (PETN) detonating cord. The total explosive weight of the demolition blocks is 1,750 pounds.

The Charge, Demolition Inert Linear M68A2 (DODIC M914) is a trailer-mounted and rocket-towed inert linear demolition charge designed to simulate the launch and deployment characteristics of the M58A4 linear demolition charge for the purpose of training.

The Linear Demolition Charge M59A1 (DODIC ML25) is a rocket-towed, linear demolition charge designed to provide a clear path for combat vehicles during minefield and barrier breaching operations.

The MK7 MOD 2 mine clearing system, Anti-Personnel Obstacle Breaching System (APOBS) (DODIC MN79) consists of a line charge assembly and a fuze/rocket motor assembly. This item is a lightweight, self-contained, one-shot expendable system that is transported and deployed by a two-man team. APOBS uses the MK126 MOD1 rocket motor to propel a line charge over the obstacle. It is employed in combat operations to breach a lane through wire and anti-personnel mine obstacles.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

FY05 funding includes \$8.62M provided for Supplemental.

FY06 funding includes Congressional Adds of \$1M for Charge, Demolition, Linear, High Explosive (HE), Composition C4, M58A4 with Fuze, Electric M113A4 and \$1.35M for Anti-Personnel Obstacle Breaching System (APOBS).

| Exhibit P-40a, Budget Item Justif | icati | on for A | ggregate | d Items | | | | Date: FEBRUARY 2 | 2006 | |
|--|------------|----------|----------|------------|-------------|-------------|-------|---------------------|----------------|-------|
| Appropriation Code/Budget Activity/Serial | Number | : | | P-1 Item N | Iomenclatur | re: | | • | | |
| Procurement of Ammunition, Navy and Marine Corps | /2/Ammu | nition | | (103000) I | INEAR CHAF | RGES, ALL T | TYPES | | | |
| | ID Code | FY2005 | FY2006 | FY2007 | | | | | To Complete | Total |
| J143, ROCKET MOTOR, 5 INCH | А | 0.070 | 0.000 | 3.472 | | | | | | |
| QTY | | 0 | 0 | 372 | | | | | | |
| M914, CHARGE, DEMO INERT LINEAR | A | 0.000 | 0.387 | 0.053 | | | | | | |
| QTY | | 0 | 15 | | | | | | | |
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| | | | | | | | | | | |
| P40a Total | | 0.070 | 0.387 | 3.525 | | | | | | |

| Exhibit P-5, Cost Analysis | Weapon Sy | ystem | | | Date: FEBRUARY 2 | 2006 | | | | | | |
|---|------------|---------|----------|----------|---------------------|-----------|---------|---------|----------|-------|-----|--|
| Appropriation Code/Budget Activity/Serial | Number: | | ID Code: | P-1 Line | Item Nome | nclature: | | | | | | |
| Procurement of Ammunition, Navy and Marine Corp | s/2/Ammuni | tion | A | (103000) | LINEAR CH | ARGES, AI | L TYPES | | | | | |
| | | FY05 | | | FY06 | | | FY07 | | | | |
| | Total | | Unit | Total | | Unit | Total | | Unit | Total | | Unit |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost |
| HARDWARE | | | | | | | | | | | | |
| M913, CHARGE, DEMO LINEAR HE* | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 1.829 | 127 | 14398.49 | 2.532 | 141 | 17957.45 | 2.417 | 129 | 18736.43 | | | |
| COMP C-4 CLASS 3(LB) | 1.746 | 229,631 | 7.60 | 2.028 | 253,800 | 7.99 | 1.936 | 232,200 | 8.34 | | | |
| FUZE ELECTRIC M1134A4(EA) | 0.223 | 124 | 1800.00 | 0.262 | 141 | 1858.16 | 0.250 | 129 | 1937.98 | | | |
| ML25, CHARGE, DEMO LINEAR HE | | | | | | | | | | | | 1 |
| LOAD, ASSEMBLE & PACK (LAP) | 0.534 | 57 | 9369.00 | | | | | | | | | |
| COMP C-4 CLASS 3(LB) | 0.809 | 105564 | 7.68 | | | | | | | | | |
| FUZE ELECTRIC M1134A4(EA) | 0.102 | 57 | 1800.00 | | | | | | | | | |
| MN79, APERS OBSTACLE BREACHING SYS | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 14.904 | 1,742 | 8555.68 | 33.932 | 3,318 | 10226.64 | | | | | | |
| PRODUCT | | | | | | | | | | | | |
| ACCEPTANCE TESTING | | | | 0.019 | | | 0.018 | | | | | |
| INTERIM TRANSPORTATION | | | | | | | | | | | | |
| PRODUCTION ENGINEERING | 4.778 | | | 1.173 | | | 0.044 | | | | | |
| QUALITY ASSURANCE | 0.470 | | | 0.521 | | | 0.092 | | | | | |
| NONRECURRING | | | | | | | | | | | | |
| GOVERNMENT FURNISHED MATERIAL | -2.071 | | | -0.262 | | | -0.250 | | | | | |
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| *UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS | | | | | | | | | | | | |
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| | | | | | | | | | | | | + |
| TOTAL | 23.324 | | | 40.205 | | | 4.507 | | | | | + |
| TOTAL | ∠3.3∠4 | | | 40.∠05 | | | 4.50/ | | | | | |

| Exhibit P-5a, Procurement | t History | and Plan | nning | | Weapon Sy | stem | Date: FEBRUARY | 2006 | | |
|--|--------------|--------------|----------------------|----------|------------|--------------------------------|-------------------|----------|-----------|-----------|
| Appropriation Code/Budget Acti | vitv/Serial | Number: | | P-1 Line | Item Nomer | nclature: | - DDMOFMCI | | | |
| Procurement of Ammunition, Navy and | | | on | | | ARGES, ALL TYPES | | | | |
| Procurement of Annualization, Navy and | Marine corp. | 3/2/Ammuniic | 1011 | RFP | Contract | ARGES, ADE IIIES | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| M913, CHARGE, DEMO LINEAR HE | QLY | COST | LOCALION OF PCO | Date | and Type | Contractor and Location | Date | Delivery | NOW! | Available |
| | | | | 1 | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | 04 | | | 05 | 06 | | |
| FY 2005 | 124 | | JMC, ROCK ISLAND, IL | DEC 04 | SS/FP | AMERICAN ORDNANCE, MILAN, TN | MAY 05 | SEP 06 | YES | |
| FY 2005 | 3 | 26289.27 | JMC, ROCK ISLAND, IL | UNKNOWN | SS/FP | AMERICAN ORDNANCE, MILAN, TN | SEP 05 | DEC 05 | YES | |
| FY 2006 | 141 | 17957.45 | CRANE AAP, CRANE, IN | DEC 05 | C/FFP | AMERICAN ORDNANCE, MILAN, TN | MAR 06 | AUG 07 | YES | |
| FY 2007 | 129 | 18736.43 | CRANE AAP, CRANE, IN | DEC 06 | C/FFP | AMERICAN ORDNANCE, MILAN, TN | MAR 07 | AUG 08 | YES | |
| COMP C-4 CLASS 3(LB) | | | | | | | | | | |
| FY 2005 | 229,631 | N/A | JMC, ROCK ISLAND, IL | N/A | N/A | STOCK ISSUE | MAY 05 | SEP 06 | YES | |
| FY 2006 | 253,800 | 7.99 | CRANE AAP, CRANE, IN | DEC 05 | C/FP | BAE HOLSTON AAP, KINGSPORT, TN | MAR 06 | AUG 07 | YES | |
| FY 2007 | 232,200 | 8.34 | CRANE AAP, CRANE, IN | DEC 06 | C/FP | BAE HOLSTON AAP, KINGSPORT, TN | MAR 07 | AUG 08 | YES | |
| FUZE ELECTRIC M1134A4(EA) | | | | | | | | | | |
| FY 2005 | 124 | N/A | JMC, ROCK ISLAND, IL | N/A | N/A | STOCK ISSUE | MAY 05 | SEP 06 | YES | |
| FY 2006 | 141 | N/A | CRANE AAP, CRANE, IN | N/A | N/A | STOCK ISSUE | MAR 06 | AUG 07 | YES | |
| FY 2007 | 129 | N/A | CRANE AAP, CRANE, IN | N/A | N/A | STOCK ISSUE | MAR 07 | AUG 08 | YES | |
| | | | | | | | | | | |
| ML25, CHARGE, DEMO LINEAR HE | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 57 | 9369.00 | JMC, ROCK ISLAND, IL | DEC 04 | C/FFP | AMERICAN ORD, MILAN, TN | MAR 05 | AUG 06 | YES | |
| COMP C-4 CLASS 3(LB) | | | | | | | | | | |
| FY 2005 | 105,564 | 7.68 | JMC, ROCK ISLAND, IL | DEC 04 | C/FP | BAE HOLSTON AAP, KINGSPORT, TN | MAR 05 | AUG 06 | YES | |
| FUZE ELECTRIC M1134A4(EA) | | | | | | | | | | |
| FY 2005 | 57 | N/A | JMC, ROCK ISLAND, IL | N/A | N/A | STOCK ISSUE | MAR 05 | AUG 06 | YES | |
| | | | | | | | | | | |
| MN79, APERS OBSTACLE BREACHING | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 1,742 | 8555.68 | MCSC, QUANTICO, VA | AUG 99 | C/FFP | ENSIGN-BICKFORD, GRAHAM, KY | DEC 04 | JUN 05 | YES | |
| FY 2006 | 3,318 | 10226.64 | MCSC, QUANTICO, VA | FEB 06 | C/FFP | UNKNOWN | JUL 06 | JAN 07 | YES | |
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| Exhibit P-21, Pr | oduct | cion | Sch | iedu] | Le | | | | | | | | | Date | : | | | | | | | | | | | | | | | |
|-------------------------|---------|-------|--------|--------|----------|--------|--------|----------|-------|-----------|----------|----------|-----------|-------|------|-----|-------|--------|-------|----------|----------|-----------|--|----------|-----------|----------|--|-------|-----|-----|
| | | | | | | | | | | | | | | FEBR | UARY | 200 | 6 | | | | | | | | | | | | | |
| Appropriation Code/E | udget | Acti | vity/ | Seria | al Nu | mber: | | | | | Weap | on | | P-1 | Line | Ite | m Nom | nencl | atur | e: | | | | | | | | | | |
| Procurement of Ammuniti | on, Nav | y and | d Mari | ne Cor | rps/2/ | /Ammun | ition | | | | Syst | .em | | (103 | 000) | DOD | IC: M | 1913, | CHA | RGE, | DEMO |) LIN | EAR | HE | | | | | | |
| | | | | | | | | | PR | ODUCT | ION R | ATE | | | | | I | PROCUI | REMEN | T LEA | DTIME | S | | | | | | | | |
| | | | Manı | ufactu | rer's | Name | | | | | | | | ALT I | rior | to | ALT A | After | | Init: | ial M | fg | Reor | der M | fg | | | Unit | of | |
| Item | | | | and Lo | ocatio | on | | M | SR | EC | CON | M | AX | Oct : | L | | Oct 1 | L | | PLT | | | PLT | | | Tota | 1 | Measu | ıre | |
| M913 | | 1 AM | ERICAN | ORDN | ANCE, | MILAN | , TN | | 8 | 1 | 05 | 3 | 15 | | 6 | | | 7 | | | 16 | | | 3 | | 2 | 23 | | E | |
| | | 2 AM | ERICAN | ORDN | ANCE, | MILAN | , TN | | 8 | 1 | 05 | 3 | 15 | | 6 | | | 11 | | | | | | 3 | | 1 | 4 | | E | |
| | | 3 AM | ERICAN | ORDN | ANCE, | MILAN | , TN | | 8 | 1 | 05 | 3 | 15 | | 6 | | | 5 | | | | | | 17 | | 2 | 22 | | E | |
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| | | | | | | Fisc | al Yea | ır | | 2005 | | | | | | | | Fis | cal Y | ear | | 2006 | | | | | | | | |
| | | | | | | | | | Cale | ndar ' | Year | | 2005 | | | | | | | | Cale | ndar | Year | | 2006 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | F | М | A | М | J | J | A | S | 0 | N | D | J | F | M | A | М | J | J | A | S | В |
| | F | V | Т | E | A | C | 0 | E | A | E | A | P | A | U | U | U | E | С | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Y | C | Y | L | L | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| M913 | 2005 | MC1 | 124 | 0 | 124 | | | | | | <u> </u> | | A | | | | | | | <u> </u> | <u> </u> | | | <u> </u> | ├ | <u> </u> | <u> </u> | | 64 | 60 |
| | 2005 | MC2 | 3 | 0 | 3 | | | | - | | | | | | | | A | | | 3 | | - | - | | - | | | | | (|
| | 2006 | MC3 | 141 | 0 | 141 | | | - | - | - | - | | | | | | | | | - | | - | A | <u> </u> | - | - | | | | 141 |
| | 2007 | MC3 | 129 | 0 | 129 | | | | - | | | | | | | | | - | | | | - | | | | | | | | 129 |
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| | | | | | | Figa | al Yea | | | 2007 | | <u> </u> | | | | | | Fig | cal Y | | <u> </u> | 2008 | <u> </u> | | <u> </u> | | | | | |
| | | | | | | FISC | al iea | ır | Colo: | ndar : | | | 2007 | | | | | FISC | Cal I | ear | Color | ndar | | | 2008 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | ndar F | M | A | 2007 M | J | J | A | S | 0 | N | D | J | ndar F | M | A | 2008 M | J | J | A | S | В |
| | F | v | T | E | A | C | 0 | E | A | E | A | P | A | Ū | Ū | U | E | C | 0 | E | A | E | A | P | A | Ū | Ū | Ū | E | A |
| Item | Υ | С | Y | L | L | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | С | N | В | R | R | Y | N | L | G | P | L |
| M913 | 2005 | MC1 | 124 | 64 | 60 | 60 | | | | | | | | | | | | | | | | | | | | | | | | (|
| | 2005 | MC2 | 3 | 3 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | (|
| | 2006 | MC3 | 141 | 0 | 141 | | | | | | | | | | | 71 | 70 | | | | | | | | | | | | | (|
| <u> </u> | 2007 | MC3 | 129 | 0 | 129 | | | | | | A | | | | | | | | | | | | | | | | | 65 | 64 | (|
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| Exhibit P-21, Pr | oduct | tion | Scl | hedu | le | | | | | | | | | Date | : | | | | | | | | | | | | | | | |
|--------------------------|-----------|----------|-----------|--|---------|--------|-------|-------|----------|--------|-------|--------|----------|--------|-------|--|--------|--|--|-------|--------|--|----------|--|--------|--------|--|----------|--------|--------|
| | | | | | | | | | | | | | | FEBR | UARY | 200 | 6 | | | | | | | | | | | | | |
| Appropriation Code/B | | | | | | | | | | | | | | P-1 | Line | Ite | m Nor | mencl | .atur | e: | | | | | | | | | | |
| Procurement of Ammuniti | on, Nav | vy and | d Mar | ine Co | rps/2 | 2/Ammu | nitio | n | | | Syst | em | | (103 | 000) | DOD | IC: I | MN79, | APE | RS OF | BSTAC | CLE B | REAC | HING | SYS | | | | | |
| | | | | | | | | | PRO | ODUCT | ION R | ATE | | | | | | PROCU. | REMEN | T LEA | DTIME | S | | | | | | | | |
| | | | Manu | ıfactu | rer's | Name | | | | | | | | ALT I | Prior | to | ALT | After | | Init: | ial M | fg | Reor | der M | fg | | | Unit | of | |
| Item | | | | and Lo | ocatio | on | | М | SR | EC | CON | М | AX | Oct : | 1 | | Oct | 1 | | PLT | | | PLT | | | Tota | 1 | Meası | ıre | |
| MN79 | | 1 ENS | SIGN- | BICKF | ORD, C | GRAHAM | I, KY | | . 1 | | 15 | | . 3 | | 3 | | | 2 | | | 6 | | | 6 | | | 8 | | K | |
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| Item | | | | | | | | | | | | P R | A Y | U N | U | U G | E P | C T | 0 | E | A N | E B | A R | P R | A Y | U N | U | U G | E P | A L |
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| | | | | | | Fisc | al Ye | ar | | 2007 | | | | | | | | Fis | cal Y | ear | | 2008 | | | | | | | | |
| | | | | | | | | | Cale | ndar | Year | | 2007 | | | | | | | | Cale | ndar | Year | | 2008 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | F | M | A | M | J | J | A | S | 0 | N | D | J | F | М | A | М | J | J | A | S | В |
| T+ om | F Y | V | T | E | A | С | 0 | E | A | E | A | P | A | U | U | Ū | E | C | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item MN79 | Y 2005 | C MC1 | Y 1.74 | L 1.74 | L 0 | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | С | N | В | R | R | Y | N | L | G | P | L |
| 1'11N / J | 2005 | _ | 3.32 | 1./4 | 3.32 | | 1 | - | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.24 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 0 |
| | 2000 | PICZ | 3.34 | - · | 3.32 | | 1 | - | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.24 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 0 |
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| Exhibit P-40, Bu | ıdget I | Item Justi | fication | | | | Date: | | | |
|-------------------------|-----------|---------------|----------------|--------------|---------------|------------|--------------|---------|----------|---------|
| | | | | | | | FEBRUARY 200 | 6 | | |
| Appropriation Code/E | Budget A | ctivity/Seri | al Number: | | P-1 Item Nom | enclature: | | | | |
| Procurement of Ammunit: | ion, Navy | and Marine Co | orps/2/Ammunit | ion | (104000) .50 | CALIBER | | | | |
| Program Element for | Code B | Items: | | Other Relate | ed Program El | ements | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | А | 11.256 | 34.422 | 6.440 | 8.123 | 7.296 | 7.497 | | 80.039 | |

Description: The Cartridge, Caliber .50 M33 Linked (DODIC A555) is used in M2 .50 Caliber Machine Guns to augment DODIC A576 as dictated by local fire conditions.

The Cartridge, Caliber .50 4 API M8/1 API-T M20 Linked (DODIC A576) is used in M2 .50 caliber Machine Guns against armored targets. Upon impact with the target, the incendiary mixture bursts into flames and ignites the flammable material.

The Cartridge, Caliber .50 Blank M1A1 Linked (DODIC A598) is used to simulate firing in training exercises using the M2 Machine Guns. The M1A1 Cartridge is identified by the absence of a bullet.

The Cartridge, Caliber .50 API MK211 Mod 0 Single Round (DODIC A606) is used in the M82A3 Special Application Scoped Rifle (SASR) sniper rifle against armored targets. This cartridge is an improved version of the M8-API that provides penetration, fragmentation, and fire starting capabilities upon impact.

The Cartridge, Caliber .50 SLAP-T (DODIC AA38) is used for training in the in-bore device on a M1A1 tank. It is ballistically matched to the 120mm TP-T cartridge and has a tracer burn out in excess of 2000 meters.

The Cartridge, Caliber .50 4 API M8/1 API-T M20 Linked (DODIC P576) lightweight cartridge case will be used in M2 .50 caliber Machine Guns against armored targets. The lightweight cartridge provides an enhanced logistical capability and is expected to supplement and/or replace the current primary round DODIC A576.

The Cartridge, Caliber .50 4 API M8/1 API-T M20 Linked (DODIC X576) is used in M2 .50 caliber Machine Guns against armored targets in a training unique environment. This cartridge is certified for overhead fire of unprotected friendly troops. The cartridge will provide the same capability as DODIC A576, which upon impact with the target; the incendiary mixture bursts into flames and ignites the flammable material.

The Cartridge, Caliber .50 API Single Round (DODIC X606) is used in the M82A3 Special Application Scoped Rifle (SASR) sniper rifle against armored targets in a training unique environment. This cartridge is certified for overhead fire of unprotected friendly troops. The cartridge will provide the same capability as DODIC A606, which provides penetration, fragmentation, and fire starting capabilities upon impact of target.

| Exhibit P-40, Budget Ite | em Jus | tification | , Continu | ed | | | Date: | | | | |
|------------------------------------|-----------|----------------|-----------|--------------|--------------|-------------|--------------|---------|---|----------|---------|
| | | | | | | | FEBRUARY 200 |)6 | | | |
| Appropriation Code/Budget Act | ivity/S | erial Number | : | | P-1 Item Nor | menclature: | | | | | |
| Procurement of Ammunition, Navy as | nd Marine | e Corps/2/Ammu | nition | | (104000) .50 | CALIBER | | | | | |
| Program Element for Code B It | ems: | | | Other Relate | ed Program E | lements | | | | | |
| | ID | | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | | Complete | Program |
| Proc Qty | | | | | | | | | | | |
| Gross Cost | A | 11.256 | 34.422 | 6.440 | 5.005 | 8.123 | 7.296 | 7.497 | · | | 80.039 |

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

| DODIC / Description | FY05 Supplemental Dollars Received |
|------------------------------------|---|
| A576, API M8/API -T M20 Lnk | 6.110 |
| Total .50 Caliber, All Types | 6.110 |

| Exhibit P-40a, Budget Item Justif | icati | on for A | ggregate | d Items | | | | Date: | | |
|---|----------|----------|----------|------------|-------------|-----|--|------------|----------|-------|
| | | | | | | | | FEBRUARY 2 | 2006 | |
| Appropriation Code/Budget Activity/Serial | Number | c: | | P-1 Item N | Jomenclatur | re: | | | | |
| Procurement of Ammunition, Navy and Marine Corp | s/2/Ammu | unition | | (104000) . | 50 CALIBER | 2 | | | | |
| | ID | | | | | | | | То | |
| | Code | FY2005 | FY2006 | FY2007 | | | | | Complete | Total |
| AA38, CTG, CAL. 50 SLAP TRACER | А | 0.000 | 0.000 | 0.035 | | | | | | |
| QTY | | 0 | 0 | 9,210 | | | | | | |
| | | | | | | | | | | |
| P576, CTG .50 CAL POLYMER CASE | А | 0.030 | 0.000 | 0.000 | | | | | | |
| QTY | | 11,952 | 0 | 0 | | | | | | |
| | | | | | | | | | | |
| X606, CARTRIDGE, CALIBER .50 CLEARED FOR OVERHEAD FIRE | А | 0.000 | 0.244 | 0.000 | | | | | | |
| QTY | | 0 | 88,727 | 0 | | | | | | |
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| | | | | | | | | | | |
| P40a Total | | 0.030 | 0.244 | 0.035 | | | | | | |

| Exhibit P-5, Cost Analysis | Weapon S | ystem | | | Date: FEBRUARY 2 | 1006 | | | | | | |
|---|----------|-----------|----------|----------|---------------------|------|-------|-----------|-------|-------|-----|--------------|
| Appropriation Code/Budget Activity/Serial | Number: | | ID Code: | P-1 Line | Item Nomer | | : | | | | | |
| Procurement of Ammunition, Navy and Marine Corp | | tion | А | | .50 CALIB | | | | | | | |
| | | FY05 | | , | FY06 | | | FY07 | | | | |
| | Total | | Unit | Total | | Unit | Total | - | Unit | Total | | Unit |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost |
| HARDWARE | | ~ - | | | ~ 1 | | | ~ . | | | ~ 1 | |
| A555, CTG, CAL .50 BALL LINKED* | | | | | | | | | | | | |
| LOAD, ASSEMBLY & PACK (LAP) | | | | 0.399 | 209,677 | 1.90 | 0.818 | 404,566 | 2.02 | | | |
| BOX METAL M2A1 (EA) | | | | 0.015 | 2,092 | 7.17 | 0.038 | 4,112 | 9.24 | | | |
| A576, CTG, CAL .50 4 & 1 LINKED* | | | | | | | | | | | | |
| LOAD, ASSEMBLY & PACK (LAP) | 10.813 | 5,040,090 | 2.15 | 26.225 | | 2.18 | 4.733 | 1,790,889 | 2.64 | | | <u> </u> |
| BOX METAL M2A1 (EA) | 0.263 | 34,336 | 7.65 | 1.074 | 149,765 | 7.17 | 0.169 | 18,268 | 9.25 | | | |
| A598, CTG, CAL .50 BLANK LINKED M2 | | | | | | | | | | | | |
| LOAD, ASSEMBLY & PACK (LAP) | 0.008 | 10,227 | 0.78 | | | | 0.181 | 184,403 | 0.980 | | | |
| BOX METAL M2A1 (EA) | 0.001 | 102 | 9.80 | | | | 0.017 | 1,839 | 9.24 | | | |
| | | | | | | | | | | | | |
| A606, CTG, CAL .50 API SNIPER RIFLE* | | | | | | | | | | | | |
| LOAD, ASSEMBLY & PACK (LAP) | | | | | | | 0.336 | 42,193 | 7.95 | | | <u> </u> |
| BOX METAL M2A1 (EA) | | | | | | | 0.004 | 431 | 9.24 | | | |
| X576, CARTRIDGE, CALIBER .50 COF LINKED | | | | | | | | | | | | |
| LOAD, ASSEMBLY & PACK (LAP) | | | | 4.553 | 2,743,171 | 1.66 | | | | | | |
| PRODUCT | | | | | | | | | | | | |
| ACCEPTANCE TESTING | 0.024 | | | | | | 0.019 | | | | | |
| INDUSTRIAL STOCK SUPPORT | | | | 0.257 | | | ***** | | | | | |
| PRODUCTION ENGINEERING | 0.116 | | | 1.519 | | | 0.084 | | | | | |
| QUALITY ASSURANCE | 0.001 | | | 0.136 | | | 0.006 | | | | | |
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| *UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS | | | | | | | | | | | | |
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| TOTAL | 11.226 | | | 34.178 | | | 6.405 | | | | | |

| Exhibit P-5a, Procurement | History and | Planni | ng | | Weapon Sy | ystem | Date: | | | |
|--|----------------|--------|----------------------|----------|----------------|---|------------------|----------|-----------|--|
| | _ | | | | | | FEBRUARY | 2006 | | |
| Appropriation Code/Budget Activi | tv/Serial Numb | er: | | P-1 Line | Item Nome | enclature: | | | | |
| Procurement of Ammunition, Navy and M | = | | | | .50 CALIE | | | | | |
| | | | | RFP | Contract | T | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| HARDWARE | ~ ~ ~ | | | | 11 | | | 1 | | |
| A555, CTG, CAL .50 BALL LINKED | | | | | | | | | | |
| LOAD, ASSEMBLY & PACK (LAP) | | | | | | | | | | |
| FY 2006 | 120,600 | 1.90 | JMC, ROCK ISLAND, IL | OCT 04 | PO/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 06 | OCT 06 | YES | |
| FY 2006 | 89,077 | | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | GENERAL DYNAMICS, PERRY, FL | OCT 06 | MAR 07 | YES | |
| FY 2007 | 234,000 | | JMC, ROCK ISLAND, IL | OCT 04 | PO/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 07 | OCT 07 | YES | |
| FY 2007 | 170,566 | | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | GENERAL DYNAMICS, PERRY, FL | JAN 07 | MAR 08 | YES | |
| BOX METAL M2A1(EA) | 1.0,000 | 2.02 | , | | -2/11 | | 2220, 07 | 1 | | |
| FY 2006 | 570 | 7 17 | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BEST FOAM FAB, CHICAGO, IL | JAN 06 | OCT 06 | YES | |
| FY 2006 | 1,522 | | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BROCKWAY STANDARD, ATLANTA, GA | JAN 06 | OCT 06 | YES | |
| FY 2007 | 1,100 | | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BEST FOAM FAB, CHICAGO, IL | JAN 07 | OCT 07 | YES | |
| FY 2007 | 3,012 | | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BROCKWAY STANDARD, ATLANTA, GA | JAN 07 | OCT 07 | YES | |
| 11 2007 | 3,012 | 7.21 | one, Rock Idday, Id | 001 01 | C/ 01 | BROOKWAT BTANDARD, ATBANTA, GA | OPEN 07 | 001 07 | 120 | |
| A576, CTG, CAL .50 4 & 1 LINKED | | | | | | | | | 1 | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 4,079,490 | 2.15 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | DEC 04 | OCT 05 | YES | |
| FY 2005 | 960,600 | | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | GENERAL DYNAMICS, FL | DEC 04 | MAR 06 | YES | |
| FY 2006 | 9,070,434 | | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 06 | 0CT 06 | YES | |
| FY 2006 | 2,936,552 | 2.18 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | GENERAL DYNAMICS, FL | JAN 06 | MAR 07 | YES | |
| FY 2007 | 1,343,167 | 2.64 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 07 | OCT 07 | YES | |
| FY 2007 | 447,722 | 2.64 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | GENERAL DYNAMICS, FL | JAN 07 | MAR 08 | YES | |
| BOX METAL M2A1(EA) | | | | | | | | | | |
| FY 2005 | 11,357 | 7.65 | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BEST FOAM FAB, CHICAGO, IL | JAN 05 | OCT 05 | YES | |
| FY 2005 | 22,979 | 7.65 | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BROCKWAY STANDARD, ATLANTA, GA | JAN 05 | OCT 05 | YES | |
| FY 2006 | 27,489 | | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BEST FOAM FAB, CHICAGO, IL | JAN 06 | OCT 06 | YES | |
| FY 2006 | 122,276 | | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BROCKWAY STANDARD, ATLANTA, GA | JAN 06 | OCT 06 | YES | |
| FY 2007 | 4,111 | | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BEST FOAM FAB, CHICAGO, IL | JAN 07 | OCT 07 | YES | |
| FY 2007 | 14,157 | 9.25 | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BROCKWAY STANDARD, ATLANTA, GA | JAN 07 | OCT 07 | YES | |
| 500 000 000 000 | | | | | | | | <u> </u> | | |
| A598, CTG, CAL .50 BLANK LINKED M2 | + | | | | | | + | | + | |
| LOAD, ASSEMBLY & PACK (LAP) FY 2005 | 10,227 | 0.70 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 05 | OCT 05 | YES | |
| FY 2005 FY 2007 | 184,403 | | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP SS/FP | ALLIANT TECH, INDEPENDENCE, MO ALLIANT TECH, INDEPENDENCE, MO | JAN 05 JAN 07 | OCT 05 | YES | |
| BOX METAL M2A1(EA) | 101,403 | 0.90 | one, rock island, il | 001 05 | 55/17 | ADDITUTE TECH, INDEFENDENCE, MO | UAIN U/ | 001 07 | 150 | |
| FY 2005 | 19 | 9 80 | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BEST FOAM FAB, CHICAGO, IL | JAN 05 | OCT 05 | YES | |
| FY 2005 | 83 | | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BROCKWAY STANDARD, ATLANTA, GA | JAN 05 | OCT 05 | YES | |
| FY 2007 | 336 | | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BEST FOAM FAB, CHICAGO, IL | JAN 07 | OCT 07 | YES | |
| FY 2007 | 1,503 | | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BROCKWAY STANDARD, ATLANTA, GA | JAN 07 | OCT 07 | YES | |
| | | | | | 1 | | | | | |

| Exhibit P-5a, Procurement Hi | story and | d Planni | ng | | Weapon Sy | stem | Date: | | | |
|---|---------------|-----------|----------------------|----------|-----------|--------------------------------|----------|----------|-----------|--|
| Continued | | | | | | | FEBRUARY | 2006 | | |
| Appropriation Code/Budget Activity/ | Serial Numl | oer: | | P-1 Line | Item Nome | nclature: | | | | |
| Procurement of Ammunition, Navy and Marin | ne Corps/2/Ar | mmunition | | (104000) | .50 CALIB | ER | | | | |
| | | | | RFP | Contract | | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | Revisions |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| A606, CTG, CAL .50 API SNIPER RIFLE | | | | | | | | | | |
| LOAD, ASSEMBLY & PACK (LAP) | | | | | | | | | | |
| FY 2007 | 42,193 | 7.95 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | MAR 07 | MAR 08 | YES | |
| BOX METAL M2A1(EA) | | | | | | | | | | |
| FY 2007 | 210 | 9.24 | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BEST FOAM FAB, CHICAGO, IL | MAR 07 | MAR 08 | NO | |
| FY 2007 | 221 | | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | BROCKWAY STANDARD, ATLANTA, GA | MAR 07 | MAR 08 | NO | |
| | | | | | | | | | | |
| X576, CARTRIDGE, CALIBER .50 COF LINKED | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2006 | 2,743,171 | 1.66 | CRANE AAP, CRANE, IN | OCT 05 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | MAR 06 | OCT 06 | NO | |
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| Exhibit P-21, I | roduc | tion | Sch | edul | Le | | | | | | | | | Date | : | | | | | | | | | | | | | | | |
|-----------------------|------------|----------|-------------|-----------|----------|----------|---------|-------|-----------|--------|---------|--------|--|--|-------|------|-------|-------|-------|----------|-------|--|------|-------|------|------|------|--------|------|------|
| , | | | | | | | | | | | | | | | UARY | 2000 | 6 | | | | | | | | | | | | | |
| Appropriation Code | /Rudaet | Activ | zi t vz / S | Seria | 1 Num | her: | | | | | Wear | on | | | | | | nencl | atur | e: | | | | | | | | | | |
| Procurement of Ammuni | _ | | - | | | | ition | | | | Syst | | | | | | | | | , CAI | . 50 | 4 & | 1 т. | INKEL |) | | | | | |
| | , | | | | | | | | PR | ODUCT | | | | (= - | , | | | | | T LEA | | | | | | | | | | |
| | | Manuf | actur | er's 1 | Name | | | | | 1 | 101, 10 | | | ALT I | Prior | to | | After | | | ial M | | Reor | der M | fa | | | Unit | of | |
| Item | | | Locati | | 21011110 | | | м | SR | EC | CON | M | AX | Oct : | | - | Oct : | | | PLT | | - 5 | PLT | | -5 | Tota | 1 | Measi | | |
| A576 | | + | | | INDEP | ENDENC | TE. MO | | 0 | 1 | 15 | | 96 | | 6 | | | 2 | | | 10 | | | 9 | | | .2 | r.cab. | М | |
| 113 / 0 | | + | VERAL : | | | <u> </u> | , | | 0 | _ | 30 | _ | 75 | | 6 | | | 2 | | | 15 | | | 14 | | | .7 | | M | |
| | | _ | | | INDEP | ENDENC | CE, MO | | 0 | 1 | 15 | | 96 | | 6 | | | 3 | | | | | | 9 | | | .2 | | М | |
| | | _ | IERAL : | | | | | | 0 | _ | 30 | | 75 | | 6 | | | 3 | | | | | | 14 | | | .7 | | М | |
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| | | 1 | | | | Fisca | al Yea | ır | | 2005 | | | | | | | | Fisc | cal Y | ear | | 2006 | | | | | | | | |
| | | | | | | | | | Cale | ndar | | | 2005 | | | | | | | | Cale | ndar | | | 2006 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | F | М | A | М | J | J | A | S | 0 | N | D | J | F | М | A | М | J | J | A | S | В |
| | F | V | Т | E | A | С | 0 | E | A | E | A | P | A | U | U | U | E | С | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Y | C | Y | L | L | Т | V | C | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| A576 | 2005 | MC1 | 4.08 | 0 | 4.08 | | | A | | | | | | | | | | 0.11 | 0.22 | 0.17 | 0.17 | 0.20 | 0.16 | 0.23 | 0.24 | 0.24 | 0.24 | 0.24 | 1.86 | 0 |
| · | 2005 | MC2 | 0.96 | 0 | 0.96 | | | A | | | | | | | | | | | | | | | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.40 |
| | 2006 | MC4 | 2.94 | 0 | 2.94 | | | | | | | | | | | | | | | | A | | | | | | | | | 2.94 |
| | 2006 | MC3 | 9.07 | 0 | 9.07 | | | | | | | | | | | | | | | | A | | | | | | | | | 9.07 |
| | 2007 | MC4 | 0.45 | 0 | 0.45 | | | | | | | | | | | | | | | | | | | | | | | | | 0.45 |
| | 2007 | MC3 | 1.34 | 0 | 1.34 | | | | | | | | | | | | | | | | | | | | | | | | | 1.34 |
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| | | | | | | Fisca | al Yea | ır | | 2007 | | | | | | | | Fisc | cal Y | ear | | 2008 | | | | | | | | |
| | | | | | | | | | Cale | ndar | | | 2007 | | | | | | | | Cale | ndar | Year | | 2008 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | F | М | A | М | J | J | A | S | 0 | N | D | J | F | М | A | М | J | J | A | S | В |
| T | F Y | V | T Y | E | A | C | 0 V | E | A | E | A | P R | A | U | U | U | E | C | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item A576 | 2005 | C MC1 | 4.08 | L 4.08 | L | Т | V | С | N | В | R | K | Y | N | L | G | P | Т | V | С | N | В | R | R | Y | N | L | G | P | L |
| A370 | 2005 | + | 0.96 | 0.56 | 0.40 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | | | | | | | | | | | | | | | | | | | | 0 |
| | 2005 | _ | 2.94 | 0.56 | 2.94 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.25 | 0.25 | 0.25 | 0.24 | 0.25 | 0.25 | 0.24 | 0.25 | 0.24 | 0.24 | 0.24 | 0.24 | | | | | | | | 0 |
| | 2006 | + | 9.07 | ^ | 9.07 | 1.0 | 1.0 | 0.90 | 0.90 | 0.90 | 1.0 | 1.0 | 1.0 | 1.0 | 0.25 | 0.25 | 0.24 | 0.23 | 0.24 | 0.24 | 0.24 | 0.24 | 1 | | | | | | | ^ |
| | 2006 | 1 | 0.45 | 0 | 0.45 | 1.0 | 1.0 | 0.90 | 0.90 A | 0.90 | 1.0 | 1.0 | 1.0 | 1.0 | 0.37 | | 1 | | | | | \vdash | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.17 |
| | 2007 | _ | 1.34 | 0 | 1.34 | | | | A | | | | | | | | | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.04 | 0.04 | 0.04 | | | | 0.04 | 0.17 |
| | 2007 | 1103 | 1.34 | 0 | 1.54 | | | | | 1 | | | 1 | 1 | | | 1 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.12 | 0.11 | 0.11 | 0.11 | V.11 | 0.12 | 0.11 | 0 |
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| Exhibit P-21, Pro | duct | ion | Sch | edul | e | | | | | | | | | Date | : | | | | | | | | | | | | | | | |
|--------------------------|----------|----------|-------------|---------|---------|------------------|--------|----------|---------|--------------|----------|--------|-----------|-------|----------|----------|----------|----------|-------|----------|----------|--------------|----------|----------|------|----------|-----|-------|-----|---|
| | | | 2011 | 000 | | | | | | | | | | | UARY | 2006 | 6 | | | | | | | | | | | | | |
| Appropriation Code/Bu | daet | Activ | ri + xz / 9 | Seria | 1 N11m | her: | | | | | Weap | on | | | | | | nencl | atur | Δ: | | | | | | | | | | |
| Procurement of Ammunitie | | | | | | | ition | | | | Syst | | | | | | | | | , CAI | . 50 |) 4 ຂ | . 1 т. | TNKET |) | | | | | |
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| | | Manuf | actur | er'e | Name | | | | 110 | DOCI | 1011 10 | | | ΔΤ.Τ | Prior | t o | | After | | | ial M | | Reor | der M | fa | | | Unit | of | |
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| | F | V | T | E | A | C | 0 | E | A | E | A | P | A | U | U | U | E | C | 0 | E | A | E | A | P | A | U | Ū | U | E | A |
| Item | Y | C | Y | L | L | Т | v | C | N | В | R | R | Y | N | L | G | P | т | v | C | N | В | R | R | Y | N | L | G | P | L |
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| | 2007 | MC4 | 0.45 | 0.28 | 0.17 | 0.04 | 0.03 | 0.03 | 0.03 | 0.04 | | | | | | | | | | | | | | | | | | | | 0 |
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| Exhibit P-21, Pr | oduc | tion | Sch | iedu] | Le | | | | | | | | | Date | : | | | | | | | | | | | | | | | |
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| Procurement of Ammuniti | | | | | | | ition | | | | Syst | | | | | | | | | TRIDO | Œ. C | ALTE | BER . | 50 C | OF LI | NKED | | | | |
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| | | Manuf | actur | er's | Name | | | | | | | | | ALT I | rior | to | ALT | | | | ial M | | Reor | der M | Ifa | | | Unit | of | |
| Item | | and I | Locati | .on | | | | М | SR | EC | ON | M. | AX | Oct : | 1 | | Oct : | 1 | | PLT | | | PLT | | | Tota | 1 | Measi | ure | |
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| | | - | | | | Fisc | al Yea | ar | | 2005 | | - | | • | | | | Fis | cal Y | ear | | 2006 | | | | | | - | | |
| | | | | | | • | | | Cale | ndar | Year | | 2005 | | | | | • | | | Cale: | ndar | | | 2006 | | | | | |
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| | F | V | т | E | A | С | 0 | E | A | E | A | P | A | U | U | U | E | С | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Y | C | Y | L | L | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| x576 | 2006 | MC1 | 2.74 | 0 | 2.74 | | | | | | | | | | | | | | | | | | A | | | | | | | 2.74 |
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| Item | F Y | V C | T Y | E L | A L | C T | 0 V | E C | A N | E B | A R | P R | A Y | U N | U L | U G | E P | C T | 0 | E C | A N | E B | A R | P R | A Y | U | U | U G | E P | A L |
| X576 | 2006 | | 2.74 | | 2.74 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.21 | 1 | v | ٠ | IN | В | л | л | 1 | IN | ь | G | P | т. |
| 110,10 | 2000 | 1-10-1 | 2.74 | | 2.74 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.21 | - | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | † | 1 | T |
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| Exhibit P-40, Bu | ıdget I | Item Justi | fication | | | Date: | | | | |
|------------------------|-----------|---------------|----------------|--------------|---------------|---------------|--------------|---------|----------|---------|
| | | | | | | | FEBRUARY 200 |)6 | | |
| Appropriation Code/I | Budget A | ctivity/Seri | al Number: | | P-1 Item Non | menclature: | | | | |
| Procurement of Ammunit | ion, Navy | and Marine Co | orps/2/Ammunit | ion | (105000) 401 | MM, ALL TYPES | 5 | | | |
| Program Element for | Code B | Items: | | Other Relate | ed Program El | lements | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | А | 32.098 | 58.378 | 39.369 | 40.471 | 48.422 | 0.000 | 0.000 | | 218.738 |

Description: B430 is an interim DODIC. The program is engineering support required to prepare the Weapons Systems Explosives Safety Review Board documentation to procure an improved variant of the 40MM M430 High Explosive Dual Purpose Cartridge (DODIC B542). This is the Marine Corps contribution to an FY04 Foreign Comparative Test (FCT) Program.

B433 is an interim DODIC. The program is engineering support required to prepare the Weapons Systems Explosives Safety Review Board documentation to procure an improved variant of the 40MM M433 High Explosive Dual Purpose Cartridge (DODIC B546). This is the Marine Corps contribution to an FY05 Foreign Comparative Test (FCT) Program.

The Cartridge, 40MM Target Practice (TP) M781 (DODIC B519) is a fixed cartridge of ammunition consisting of a plastic ogive, metal body, and plastic cartridge case. The ogive houses a highly visible yellow-orange dye. The cartridge case is press-fitted with a .38 caliber blank cartridge containing the propellant. This cartridge is fired from the M203 Grenade Launcher and is used for training and contains no high explosive. Upon impact, the projectile ruptures and releases a puff of yellow-orange dye simulating explosive impact.

The Cartridge, 40MM Multiple Projectile M576 (DODIC B534) is fired from the M203 Grenade Launcher and is used in environments where personnel targets appear at short distances without warning and are vulnerably exposed only fleetingly.

The Cartridge, 40MM White Star Parachute M583/M583A1 (DODIC B535) is a fixed cartridge of ammunition consisting of a projectile assembly and a cartridge case assembly. This cartridge is fired from the M203 Grenade Launcher and is used for illumination and signaling.

The Cartridge, 40mm High-Explosive Dual-Purpose (HEDP) M430/M430Al Linked (DODIC B542) is a fixed cartridge of ammunition consisting of an ogive, projectile body, and cartridge case. This cartridge is fired from the MK19 Mod 3 Grenade Machine Gun and is a high explosive, dual-purpose cartridge. The projectile's shaped charge is designed to penetrate two inches of steel armor and inflict personnel casualties in the target area.

The Cartridge, 40mm High-Explosive Dual-Purpose (HEDP) M433 (DODIC B546) is a fixed round of ammunition consisting of an ogive, projectile body, and cartridge case. This cartridge is fired from the M203 Grenade Launcher and is a high explosive, dual-purpose round. The projectile's shaped charge is designed to penetrate two inches of steel armor and inflict personnel casualties in the target area.

The Cartridge, 40mm Target Practice, Linked M281 MD 0 M385Al (DODIC BA12) is a fixed cartridge consisting of a projectile body, and cartridge case. This cartridge is fired from the MK19 Mod 3 Grenade Machine Gun and is designed for practice or weapon proof testing. The cartridge is procurred as a replacement for the M385 (DODIC B576) and the M918 (DODIC B584).

| Exhibit P-40, Budget Iter | m Just: | ification | | | | | Date: | | | |
|-------------------------------------|------------|-----------------|---------|--------------|--------------|--------------|--------------|---------|----------------|------------------|
| | | | | | | | FEBRUARY 200 | 6 | | |
| Appropriation Code/Budget Activ | ity/Seri | ial Number: | | | P-1 Item Nom | enclature: | | | | |
| Procurement of Ammunition, Navy and | Marine Co | orps/2/Ammuniti | on | | (105000) 40M | M, ALL TYPES | | | | |
| Program Element for Code B Item | s: | | | Other Relate | d Program El | ements | | | | |
| | ID Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | To Complete | Total Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | А | 32.098 | 58.378 | | | 48.422 | | 0.000 | | 218.738 |

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

FY06 funding includes a Congressional Add of \$1.0M for Cartridge, 40MM High Explosive Dual Purpose (HEDP), M430.

| DODIC / Description | FY05 Supplemental Dollars Received |
|--------------------------|---|
| B546, HEDP M433 | 7.100 |
| Total 40MM, All Types | 7.100 |

| Exhibit P-40a, Budget Item Justif: | icati | on for A | ggregate | ed Items | | | | Date: FEBRUARY 2 | 2006 | |
|--|--------|----------|----------|-------------|-------------|-----|--|---------------------|----------|-------|
| Appropriation Code/Budget Activity/Serial | Number | ^: | | P-1 Item N | Iomenclatur | re: | | TEDROAKT 2 | 2000 | |
| Procurement of Ammunition, Navy and Marine Corps | | | | (105000) 4 | | | | | | |
| | ID | | | , , , , , , | , | | | | То | |
| | Code | FY2005 | FY2006 | FY2007 | | | | | Complete | Total |
| B430, 40MM FCT PROGRAM (M430) | A | 0.500 | 0.000 | 0.000 | | | | | | |
| QTY | | 0 | 0 | 0 | | | | | | |
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| B433, 40MM FCT PROGRAM (M433) | A | 0.150 | 0.000 | 0.000 | | | | | | |
| QTY | | 0 | 0 | 0 | | | | | | |
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| P40a Total | | 0.650 | 0.000 | 0.000 | | | | | | |
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| Exhibit P-5, Cost Analysis | Weapon Sy | ystem | | | Date: | | | | | | | |
|---|------------|---------|----------|----------|------------|-------|--------|-----------|-------|-------|-----|------|
| | | | _ | | FEBRUARY 2 | | | | | | | |
| Appropriation Code/Budget Activity/Serial | Number: | | ID Code: | | Item Nome | | • | | | | | |
| Procurement of Ammunition, Navy and Marine Corp | s/2/Ammuni | tion | А | (105000) | 40MM, ALL | TYPES | | | | | | |
| | | FY05 | | | FY06 | | | FY07 | | | | |
| | Total | | Unit | Total | | Unit | Total | | Unit | Total | | Unit |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost |
| HARDWARE | | | | | | | | | | | | |
| B519, CTG, 40MM PRACTICE* | | | | | | | | | | | | |
| COMPLETE ROUND | 2.802 | 846,400 | 3.31 | 5.158 | 1,211,932 | 4.26 | 3.931 | 1,074,675 | 3.66 | | | |
| B534, CTG, 40MM MP M576 | | | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | | | |
| B535, CTG, 40MM WHITE STAR PARACHUTE | | | | | | | | | | | | |
| COMPLETE ROUND | 0.972 | 24,943 | 38.99 | | | | 2.026 | 50,438 | 40.17 | | | |
| B542, CTG, 40MM HEDP LINKED FOR MK19* | | | | | | | | | | | | |
| COMPLETE ROUND | 12.425 | 403,678 | 30.78 | 40.303 | 1,549,318 | 26.01 | 28.131 | 737,900 | 38.12 | | | |
| B546, CTG, 40MM HEDP FOR M79/M203 | | | | | | | | | | | | |
| COMPLETE ROUND | 9.841 | 225,346 | 43.67 | | | | | | | | | |
| | 7.77 | | | | | | | | | | | |
| BA12, CTG, 40MM PRACTICE | | | | | | | | | | | | |
| COMPLETE ROUND | 4.237 | 177,638 | 23.85 | 11.841 | 517,304 | 22.89 | 4.478 | 195,652 | 22.89 | | | |
| | | | | | | | | | | | | |
| PRODUCT | | | | | | | | | | | | |
| ACCEPTANCE TESTING | 0.021 | | | 0.059 | | | 0.022 | | | | | |
| PRODUCTION ENGINEERING | 1.109 | | | 0.978 | | | 0.743 | | | | | |
| QUALITY ASSURANCE | 0.041 | | | 0.039 | | | 0.038 | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| *UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTAL | 31.448 | | | 58.378 | | | 39.369 | | | | | |

| Exhibit P-5a, Procurement H | igtory ar | d Dlann | na | | Weapon Sy | stam | Date: | | | |
|---|---------------|-------------|-----------------------|----------|--|---|------------------|--|--|--|
| Exhibit F Sa, Floculement in | iscory ar | id Fiaiiii. | ing | | weapon sy | S C C III | | 2006 | | |
| | | | | | <u> </u> | | FEBRUARY | 2006 | | |
| Appropriation Code/Budget Activity | | | | | Item Nomer | | | | | |
| Procurement of Ammunition, Navy and Mar | rine Corps/2/ | Ammunition | | (105000) | 40MM, ALL | TYPES | 1 | r | r | T |
| | | | | RFP | Contract | | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | Revisions |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| B519, CTG, 40MM PRACTICE | | | | | | | | | | |
| CTG 40MM PRACTICE M781 | | | | | | | | | | |
| FY 2005 | 348,600 | 3.65 | JMC, ROCK ISLAND, IL | OCT 04 | C/FP | AMTECH CORP, JANESVILLE, WI | APR 05 | NOV 06 | YES | |
| FY 2005 | 116,900 | 3.13 | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | AMTECH CORP, JANESVILLE, WI | SEP 05 | NOV 06 | YES | |
| FY 2005 | 285,200 | 3.08 | JMC, ROCK ISLAND, IL | OCT 04 | C/FP | DSE, INC (BALIMOY), TAMPA, FL | APR 05 | NOV 06 | YES | |
| FY 2005 | 95,700 | 2.99 | JMC, ROCK ISLAND, IL | OCT 04 | C/OP | DSE, INC (BALIMOY), TAMPA, FL | SEP 05 | NOV 06 | YES | |
| FY 2006 | 666,653 | 4.49 | JMC, ROCK ISLAND, IL | OCT 05 | C/OP | AMTECH CORP, JANESVILLE, WI | MAR 06 | JAN 07 | YES | |
| FY 2006 | 545,279 | 4.49 | JMC, ROCK ISLAND, IL | OCT 05 | C/OP | DSE, INC (BALIMOY), TAMPA, FL | MAR 06 | JAN 07 | YES | |
| FY 2007 | 591,071 | 3.87 | JMC, ROCK ISLAND, IL | OCT 06 | C/OP | AMTECH CORP, JANESVILLE, WI | MAR 07 | JUL 07 | YES | |
| FY 2007 | 483,604 | 3.87 | JMC, ROCK ISLAND, IL | OCT 06 | C/OP | DSE, INC (BALIMOY), TAMPA, FL | MAR 07 | JUL 07 | YES | |
| | | | | | | | | | | |
| B535, CTG, 40MM WHITE STAR PARACHUTE | | | | | | | | | | |
| CTG 40MM WHITE STAR PARA M583 | | | | | | | | | | 1 |
| FY 2005 | 12,980 | 39.71 | JMC, ROCK ISLAND, IL | OCT 04 | C/FP | AMTECH CORP, JANESVILLE, WI | APR 05 | FEB 06 | YES | 1 |
| FY 2005 | 11,963 | 38.53 | JMC, ROCK ISLAND, IL | OCT 04 | C/FP | DSE, INC (BALIMOY), TAMPA, FL | APR 05 | FEB 06 | YES | 1 |
| FY 2007 | 26,247 | 40.85 | JMC, ROCK ISLAND, IL | OCT 05 | C/OP | AMTECH CORP, JANESVILLE, WI | MAR 07 | MAY 07 | YES | 1 |
| FY 2007 | 24,191 | | JMC, ROCK ISLAND, IL | OCT 05 | C/OP | DSE, INC (BALIMOY), TAMPA, FL | MAR 07 | MAY 07 | YES | 1 |
| | , | | , | | | | | | | 1 |
| B542, CTG, 40MM HEDP LINKED FOR MK19 | | | | | | | | | | 1 |
| CTG, 40MM, HEDP, M430A1 | | | | | | | | | | 1 |
| FY 2005 | 181,592 | 30.54 | JMC, ROCK ISLAND, IL | JAN 05 | C/OP | AMTECH CORP, JANESVILLE, WI | NOV 05 | JUN 06 | YES | i e |
| FY 2005 | 160,454 | | JMC, ROCK ISLAND, IL | JAN 05 | C/OP | DSE, INC (BALIMOY), TAMPA, FL | NOV 05 | JUN 06 | YES | i e |
| FY 2005 | 29,632 | | JMC, ROCK ISLAND, IL | JAN 05 | C/OP | AMTECH CORP, JANESVILLE, WI | MAR 06 | FEB 07 | YES | 1 |
| FY 2005 | 32,000 | 31.32 | JMC, ROCK ISLAND, IL | JAN 05 | C/OP | DSE, INC (BALIMOY), TAMPA, FL | MAR 06 | FEB 07 | YES | |
| FY 2006 | 852,265 | 25.92 | JMC, ROCK ISLAND, IL | JAN 06 | C/OP | AMTECH CORP, JANESVILLE, WI | MAR 06 | AUG 07 | YES | 1 |
| FY 2006 | 697,053 | 25.92 | JMC, ROCK ISLAND, IL | JAN 06 | C/OP | DSE, INC (BALIMOY), TAMPA, FL | MAR 06 | AUG 07 | YES | † |
| FY 2007 | 405,755 | 37.7 | JMC, ROCK ISLAND, IL | JAN 07 | C/OP | AMTECH CORP, JANESVILLE, WI | MAR 07 | AUG 08 | YES | + |
| FY 2007 | 332,145 | 37.7 | JMC, ROCK ISLAND, IL | JAN 07 | C/OP | DSE, INC (BALIMOY), TAMPA, FL | MAR 07 | AUG 08 | YES | + |
| F1 2007 | 332,143 | 37.7 | OMC, ROCK ISHAND, III | UAN U7 | C/OF | DSE, INC (BABINOT), TAMPA, FB | PIPAC 07 | A00 00 | 115 | 1 |
| B546, CTG, 40MM HEDP FOR M79/M203 | | | | † | | | + | | | |
| CTG 40MM HEDP M433 | | | | 1 | + | 1 | + | | | |
| FY 2005 | 125,050 | 42.57 | JMC, ROCK ISLAND, IL | JAN 05 | C/OP | AMTECH CORP, JANESVILLE, WI | JUL 05 | DEC 06 | YES | |
| FY 2005 FY 2005 | 100,296 | | JMC, ROCK ISLAND, IL | JAN 05 | C/OP | DSE,INC (BALIMOY), TAMPA,FL | JUL 05 | DEC 06 | YES | |
| 11 2003 | 100,296 | 45.01 | ONC, NOCK ISLAND, IL | CO MAO | C/UP | DOB, INC (DABINOI), IAMPA, FE | 001 03 | DEC 00 | 120 | |
| BA12, CTG, 40MM PRACTICE | | | | | | | - | | | |
| COMPLETE ROUND | | | | 1 | + | <u> </u> | 1 | | | |
| FY 2005 | 177,638 | 23.85 | NSWC, DAHLGREN, VA | OCT 04 | C/FFP | NICO PYROTECHNIK, TRITTAU, GE | DEC 04 | SEP 05 | YES | |
| FY 2005 FY 2006 | 517,304 | 22.89 | NSWC, DAHLGREN, VA | OCT 05 | C/FFP | NICO PYROTECHNIK, TRITTAU, GE NICO PYROTECHNIK, TRITTAU, GE | DEC 04 DEC 05 | SEP 05 | YES | |
| FY 2006 FY 2007 | 195,652 | 22.89 | NSWC, DAHLGREN, VA | OCT 05 | C/FFP | NICO PYROTECHNIK, TRITTAU, GE NICO PYROTECHNIK, TRITTAU, GE | DEC 05 | SEP 06 | YES | |
| F1 2007 | 190,052 | 22.89 | NOWC, DARLGREN, VA | 001 06 | C/FFP | NICO FIROIECHNIK, IRIIIAU, GE | DEC 06 | SEP U/ | 150 | |
| | | | | | 1 | | | | | |
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| | | | | 1 | + | + | + | - | - | } |
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| Exhibit P-21, | Product | tion | Sch | nedu | ıle | | | | | | | | | Date | : | | | | | | | | | | | | | | | |
|----------------------|-------------|--|--------|-------|----------|--------|--------|-------|-------|---------|-------|--|----------|----------|----------|------|----------|--------|----------|----------|-------|--------|----------|--|----------|----------|--|----------|-----|------|
| | | | | | | | | | | | | | | FEBF | UARY | 200 | 6 | | | | | | | | | | | | | |
| Appropriation Code | /Budget | Acti | vity/ | /Seri | ial N | umbe: | r: | | | | Wea | on | | P-1 | Line | Ite | m Nor | mencl | atur | e: | | | | | | | | | | |
| Procurement of Ammun | ition, Nav | y and | d Mari | ne Co | orps/ | 2/Amm | uniti | on | | | Sys | cem | | (105 | 000) | DOD | IC: I | B519, | CTG | , 401 | MM PR | ACTI | CE | | | | | | | |
| | | | | | | | | | PRO | ODUCT | ION F | RATE | | | | | | PROCU | REMEN | T LEA | DTIME | S | | | | | | | | |
| | | Manu | factur | rer's | Name | | | | | | | | | ALT : | Prior | to | ALT . | After | | Init: | ial M | fg | Reor | der M | fg | | | Unit | of | |
| Item | | and | Locati | ion | | | | M | SR | EC | CON | M | AX | Oct . | 1 | | Oct | 1 | | PLT | | | PLT | | | Tota | 1 | Measu | ıre | |
| | | 1 A | MTECH | | | IESVII | LLE, | | | | | | | | | | | | | | | | | | | | | | | |
| B519 | | | | | VI. | | | | 02 | _ | .0 | _ | 0.0 | | 7 | | | 6 | | | 19 | | | 10 | | | 25 | | М | |
| | | + | ECH C | | | | | | .02 | | .0 | - | 0.0 | | 7 | | | 5 7 | | | 1.0 | | | 10 | | | 15 26 | | M | |
| | | _ | E INC | | | | | | .02 | | | 4 | | | 7 | | | | | | 19 | | | 10 | | 1 | | | M | |
| | | 4 DS | E INC | (BAL | IMOY) | , TAM | PA, F | 0. | .02 | | .0 | 1(| 0.0 | . | / | | | 5 | | | | | | 10 | | - | 15 | - | М | |
| | | <u> </u> | | | | Fig | cal Ye | 222 | | 2005 | | | | <u> </u> | | | <u> </u> | Fig | cal Y | 002 | | 2006 | | | | <u> </u> | | | | |
| | | | | | | FIS | Jai I | -ar | Cale | ndar | Year | | 2005 | | | | | FIS | Jai I | car | Caler | ndar ' | Year | | 2006 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | F | М | A | M | J | J | A | S | 0 | N | D | J | F | М | A | M | J | J | A | S | В |
| | F | V | Т | E | A | С | 0 | E | A | E | A | P | A | U | U | U | E | C | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Y | С | Y | L | L | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | С | N | В | R | R | Y | N | L | G | P | L |
| B519 | 2005 | MC1 | 0.47 | 0 | 0.47 | | | | | | | A | | | | | A | | | | | | | | | | | | | 0.4 |
| | 2005 | MC3 | 0.38 | 0 | 0.38 | | | | | | | A | | | | | A | | | | | | | | | | | | | 0.38 |
| | 2006 | MC2 | 0.66 | 0 | | | | | | | | | | | | | | | | | | | A | | | | | | | 0.66 |
| | 2006 | MC4 | 0.55 | 0 | 0.55 | | | | | | | | | | | | | | | | | | A | | | | | | | 0.55 |
| | 2007 | MC2 | 0.59 | 0 | 0.59 | | | | | | | | | | | | | | | | | | | | | | | | | 0.59 |
| | 2007 | MC4 | 0.48 | 0 | 0.48 | | | | | | | | | | | | | | | | | | | - | | | - | | | 0.48 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | . | | | | | | | | | | | | . | | | | | | | | | | | | | | - | | _ |
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| | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | | | <u> </u> | Fig | cal Ye | ear | | 2007 | | 1 | 1 | 1 | <u> </u> | | 1 | Fig | cal Y | ear | | 2008 | | | 1 | 1 | 1 | <u> </u> | | |
| | | | | | | 110 | Jul 1. | | Caler | ndar | Year | | 2007 | | | | | 110 | <u> </u> | | Caler | ndar ' | Year | | 2008 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | F | М | A | М | J | J | А | S | 0 | N | D | J | F | М | A | М | J | J | A | S | В |
| | F | V | Т | E | A | C | 0 | E | A | E | A | P | A | U | U | U | E | C | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Y | С | Y | L | L | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | С | N | В | R | R | Y | N | L | G | P | L |
| B519 | 2005 | MC1 | 0.47 | 0 | 0.47 | | 0.10 | 0.10 | 0.10 | 0.10 | 0.0 | | ! | ! | | | ! | | | | | | | | ! | ! | | - | | (|
| | 2005 | MC3 | 0.38 | 0 | 0.38 | | 0.10 | 0.10 | 0.10 | 0.08 | L_ | ļ. — | <u> </u> | | | _ | <u> </u> | | | | | | | - | ! | ! | 1 | - | | (|
| | 2006 | | 0.66 | 0 | 0.66 | | | | 0.08 | 0.08 | | 0.08 | | 0.08 | 0.08 | 0.08 | 0.02 | | | | | | | - | - | ! | 1 | - | | (|
| | 2006 | MC4 | 0.55 | 0 | 0.55 | | | | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.07 | 0.65 | | | | 0.0- | | | | | } | ! | ╂ | - | | 0 |
| | 2007 | MC2 | 0.59 | 0 | 0.59 | | | | | | A | | - | | 0.08 | 0.08 | _ | _ | 0.08 | 0.08 | 0.08 | 0.03 | | | - | - | - | - | | (|
| | 2007 | MC4 | 0.48 | 0 | 0.48 | | | | | | A | - | 1 | 1 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | | | | } | 1 | 1 | + | - | | (|
| | | \vdash | | | 1 | | | | | | | | 1 | 1 | | | 1 | | | | | | | | 1 | 1 | \vdash | 1 | | |
| | | 1 | | | 1 | | | | | | 1 | | 1 | 1 | | | 1 | 1 | | | | | | 1 | 1 | 1 | 1 | 1 | | 1 |
| | | | | | | | | | | | | | t | | | | t | 1 | | | | | | 1 | t | t | 1 | 1 | | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REMARKS: THIS DOES N | יים אוד איי | r THF | ΔRMV | S BIT | VS WU | тсн м | AKE II | D THE | CONTT | R A CTC | RIS | 1-8-5 | DROD | TCTTO | I PATI | 25 | <u> </u> | 1 | | <u> </u> | | | <u> </u> | | <u> </u> | <u> </u> | | <u> </u> | | |

| Exhibit P-21, | Produc | tion | Sch | ıedı | ıle | | | | | | | | | Date | : | | | | | | | | | | | | | | | |
|---------------------|------------|--------|--------|--------|----------|----------|--------|--------|--------|-----------|-----------|----------|-----------|-------|------|----------|----------|----------|--------|----------|--------|-----------|-----------|--------|-----------|----------|----------|----------|--------|----------|
| | | | | | | | | | | | | | | FEBR | UARY | 200 | 6 | | | | | | | | | | | | | |
| Appropriation Cod | le/Budget | Acti | vity/ | Seri | ial N | (umbe | r: | | | | Wear | on | | P-1 | Line | Ite | m Nor | mencl | atur | e: | | | | | | | | | | |
| Procurement of Ammu | nition, Na | y and | d Mari | ne C | orps/ | 2/Amm | uniti | on | | | Syst | em | | (105 | 000) | DOD | IC: I | 3542, | CTG | , 40N | им не | DP L | INKE | D FOI | R MK1 | .9 | | | | |
| | | | | | | | | | PR | ODUCT | ION R | ATE | | | | | | PROCU | REMEN | T LEA | DTIME | S | | | | | | | | |
| | | Manu | factu | rer's | Name | | | | | | | | | ALT I | rior | to | ALT | After | | Initi | ial M | fg | Reor | der M | fg | | | Unit | of | |
| Item | | and | Locati | Lon | | | | М | SR | ΕC | CON | M | AX | Oct : | L | | Oct | 1 | | PLT | | | PLT | | | Tota | 1 | Measu | ıre | |
| B542 | | 1 AM | TECH | CORP | JANES | SVILLI | E, WI | 0. | . 03 | | 1 | | 2 | | 14 | | | 1 | | | 7 | | | 11 | | | 8 | | M | |
| | | 2 AM | ITECH | CORP | JANES | SVILLI | E, WI | 0. | . 03 | | 1 | | 2 | | 14 | | | 5 | | | | | | 11 | | 1 | .6 | | M | |
| | | 3 DS | E INC | (BAL | IMOY) | , TAM | PA, F | 0. | . 03 | | 1 | | 2 | | 14 | | | 1 | | | 7 | | | 11 | | | 8 | | М | |
| | | 4 DS | E INC | (BAL | IMOY) | , TAM | PA, F | 0. | . 03 | | 1 | | 2 | | 14 | | | 5 | | | | | | 11 | | 1 | .6 | | M | |
| | | 5 AM | TECH | CORP | JANES | SVILLI | E, WI | 0. | . 03 | | 1 | | 2 | | 14 | | | 5 | | | | | | 17 | | | 22 | | M | |
| | | 6 DS | E INC | (BAL | IMOY) | | | | . 03 | | 1 | | 2 | | 14 | | | 5 | | | | | | 17 | | 2 | 22 | | M | |
| | | | | | | Fis | cal Y | ear | 1 | 2005 | | | | | | | | Fis | cal Y | ear | 1 | 2006 | | | | | | | | |
| | ı | T - | _ | | _ | _ | | _ | | ndar | | - | 2005 | _ | _ | T - | _ | T - | | _ | | ndar | | | 2006 | Ι - | <u> </u> | T - | _ | _ |
| | F | s v | Q T | D E | B A | 0 | N O | D E | J A | F E | M A | A P | M A | IJ | J | A U | S E | O C | N O | D E | J A | F E | M A | A P | M A | J | J | A U | S E | B A |
| Item | Y | C | Y | L | L | Т | V | C | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| B542 | 2005 | MC1 | 0.18 | 0 | 0.18 | | | | | | t | | | | | | l | | A | | | l | | | | 0.09 | 0.09 | | | |
| | 2005 | MC3 | 0.16 | 0 | 0.16 | | | | | | | | | | | | | | А | | | | | | | 0.08 | 0.08 | | | |
| | 2005 | MC2 | 0.03 | 0 | 0.03 | | | | | | | | | | | | | | | | | | А | | | | | | | 0.0 |
| | 2005 | MC4 | 0.03 | 0 | 0.03 | | | | | | | | | | | | | | | | | | A | | | | | | | 0.03 |
| | 2006 | MC5 | 0.85 | 0 | 0.85 | | | | | | | | | | | | | | | | | | A | | | | | | | 0.85 |
| | 2006 | MC6 | 0.70 | 0 | 0.70 | | | | | | | | | | | | | | | | | | А | | | | | | | 0.70 |
| | 2007 | MC5 | 0.41 | 0 | 0.41 | | | | | | | | | | | | | | | | | | | | | | | | | 0.43 |
| | 2007 | MC6 | 0.33 | 0 | 0.33 | | | | | | | | | | | | | | | | | | | | | | | | | 0.33 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | <u> </u> | | | | | | | | | | | | |
| | | | | | | Fis | cal Y | ear | | 2007 | | | | | | | | Fis | cal Y | ear | | 2008 | | | | | | | | |
| | | S | Q | D | В | 0 | N | D | Cale | ndar F | Year M | A | 2007 M | J | J | A | S | 0 | N | D | Caler | ndar F | Year M | A | 2008 M | J | J | A | S | В |
| | F | V | T | E | A | C | 0 | E | A | E | A | P | A. | Ū | Ū | U | E | C | 0 | E | A | E | A | P | A | Ū | Ū | U | E | A |
| Item | Y | C | Y | L | L | Т | V | C | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| B542 | 2005 | MC1 | 0.18 | 0.18 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | (|
| | 2005 | MC3 | 0.16 | 0.16 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | (|
| | 2005 | MC1 | 0.03 | 0 | 0.03 | | | | | 0.03 | | | | | | | | | | | | | | | | | | | | (|
| | 2005 | MC3 | 0.03 | 0 | 0.03 | | | | | 0.03 | | | | | | | | | | | | | | | | | | | | (|
| | 2006 | MC5 | 0.85 | 0 | 0.85 | | | | | | | | | | | 0.45 | - | _ | | | | | | | | | | | | (|
| | 2006 | MC6 | 0.70 | 0 | 0.70 | | | | | | | | | | | 0.35 | 0.35 | | | | | | | | | | | | | (|
| | 2007 | MC5 | 0.41 | | 0.41 | | | | | | A | | | | | | | | | | | | | | | | | 0.20 | _ | _ |
| | 2007 | MC6 | 0.33 | | 0.33 | | | | ļ | | A | | | | | ! | _ | ļ | | . | | | | | | ! | | 0.20 | 0.13 | |
| | | } | | | - | 1 | | | - | | - | } | | | | } | <u> </u> | } | | | | | | | } | } | | } | | ₩ |
| | | - | | | <u> </u> | - | | | - | | ! | - | | | | - | <u> </u> | | | | | | | | - | - | | <u> </u> | | <u> </u> |
| İ | | | | | | | | | | l | | | | | | | | | | | | | | | | | | | | |

| Exhibit P-21, Pr | oduct | tion | Sch | nedu] | Le | | | | | | | | | Date | | | _ | | | | | | | | | | | | | |
|-------------------------|---------|------------|--------|--|--------|--|--|-------|--------|--------|----------|--------|--|--------|----------|--|--------|--------|--|--|--------|--|----------|--------|--|----------|--|--------|--------|--------|
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| Procurement of Ammunit: | ion, Na | vy an | d Mar | ine Co | rps/2 | /Ammu | nitio | n | | | Syst | | | (105 | 5000) | DOD | | B546, | | | | | OR M | 79/M2 | 203 | | | | | |
| | | | | | | | | | PRO | DUCT | ION R | ATE | | | | | | PROCUI | REMEN | T LEA | DTIME | S | | | | | | | | |
| | | Manu | factur | er's | Name | | | | | | | | | ALT | Prior | to | ALT | After | | Init | ial M | fg | Reor | der M | lfg | | | Unit | of | |
| Item | | and 1 | Locati | on | | | | M | SR | EC | CON | M. | AX | Oct | 1 | | Oct | 1 | | PLT | | | PLT | | | Tota | 1 | Measu | ıre | |
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| Exhibit P-21, F | roduc | tion | Sch | nedu. | le | | | | | | | | | Date | | | | | | | | | | | | | | | | |
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| Procurement of Ammuni | cion, Na | vy and | d Mari | ne Co | rps/2/. | Ammun | ition | | | | Syst | | | (105 | 000) | DOD | IC: E | | | | | | CE | | | 1 | | | | |
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| Item | Y | C | Y | L | L | Т | V | C | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
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| Exhibit P-40, Budget Ite | m Just | ification | | | | | Date: | | | | |
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| | | | | | | | FEBRUARY 200 | 6 | | | |
| Appropriation Code/Budget Activ | vity/Ser | ial Number: | | | P-1 Item Nom | enclature: | | | | | |
| Procurement of Ammunition, Navy and | Marine C | orps/2/Ammuniti | .on | | (108300) 60M | M, ALL TYPES | 3 | | | | |
| Program Element for Code B Item | ms: | | | Other Relate | ed Program El | ements | | | | | |
| | ID Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | | To Complete | Total Program |
| Proc Qty | | | | | | | | | | | |
| Gross Cost | A | 15.666 | 16.011 | | | 20.822 | | 28.246 | | | 103.986 |
| Decemination: Who Contaided CON | MM III alo | Damalagiana M70 | O (DODTO DE | 12) in a bink | | anned fam mas | in the COMM | M224 Timb+ | siabt Common | Moset ose Crre | stom It is |

Description: The Cartridge, 60MM High Explosive M720 (DODIC B642) is a high explosive round for use in the 60MM M224 Lightweight Company Mortar System. It is intended for use against personnel and light materiel targets. Note: This item has been replaced by DODIC BA16.

The Cartridge, 60MM High Explosive M888 (DODIC B643) is a high explosive cartridge for use in the 60MM M224 Lightweight Company Mortar System. It is intended for use against personnel and light materiel targets.

The Cartridge, 60MM Smoke White Phosphorus (WP) M722 (DODIC B646) is a white phosphorus cartridge for use in the 60mm M224 Lightweight Company Mortar System. It is intended for use for spotting purposes.

The Cartridge, 60MM Illuminating M721 (DODIC B647) is an illumination round for use in the 60mm M224 Lightweight Company Mortar System. It is intended for use for illuminating a desired point or area.

The Cartridge, 60MM High Explosive M720Al (DODIC BA16) with M734Al Multi-Option Fuze (MOFA) is a high explosive round for use in the M224 Lightweight Company Mortar System. It is intended for use against personnel and light materiel targets. Note: This cartridge replaces the M720 (DODIC B642) in all new production after 2004.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

FY05 funding includes \$3.277M for B643, HE M888.

| Exhibit P-5, Cost Analysis | Weapon Sy | ystem | | | Date: | 0006 | | | | | | |
|---|------------|---------|-------|----------|------------|----------|-------|--------|--------|-------|-----|--|
| | 1 | | 1 | | FEBRUARY | | | | | | | |
| Appropriation Code/Budget Activity/Serial | | | | | e Item Nom | | e: | | | | | |
| Procurement of Ammunition, Navy and Marine Corps | s/2/Ammuni | | A | (108300) | 60MM, AL | L TYPES | 1 | | | ı | | |
| | | FY05 | | | FY06 | | | FY07 | | | 1 | |
| | Total | | Unit | Total | | Unit | Total | | Unit | Total | | Unit |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost |
| HARDWARE | | | | | | | | | | | | |
| B642, CTG, 60MM HE WITH MOF | | | | | | | | | | | | |
| LAP, CTG, 60MM, M720A1 | | | | | | | | | | | | |
| FIN ASSEMBLY M27 | | | | | | | | | | | | |
| FUZE, MO, M734A1 | | | | | | | | | | | | |
| IGNITION CTG, 60MM, M702 | | | | | | | | | | | | |
| PROPELLENT CHARGE, 60MM, M235 | | | | | | | | | | | | |
| SHELL BODY, 60MM, HE, M720A1/M768 | | | | | | <u> </u> | | | | | | |
| B643, CTG, 60MM HE* | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 2.114 | 82,064 | 25.76 | | | | | | | | | |
| COMP A-5 CLASS 1 (LB) | 0.013 | 2,462 | 5.46 | | | | | | | | | |
| COMP B TYPE I GRADE A(LB) | 0.379 | 164,128 | 2.31 | | | | | | | | | |
| CONTAINER ASSY M204(EA) | 0.986 | 344,669 | 2.86 | | | | | | | | | |
| LAP, CHG PROP M204 | 0.552 | 334,822 | 1.65 | | | | | | | | | |
| M27 FIN ASSEMBLY | 0.548 | 85,347 | 6.43 | | | | | | | | | |
| M702 IGNITION CARTRIDGE | 1.415 | 85,347 | 21.18 | | | | | | | | | |
| M720 PROJ MPTS | 2.154 | 85,347 | 25.24 | | | | | | | | | |
| M935 FUZE | 3.473 | 85,347 | 40.70 | | | | | | | | | |
| B646, CTG, 60MM SMOKE WP* | | | | | | + | | | | | | |
| LAP, CTG, 60MM, M720A1 | | | | | | | 0.210 | 1,210 | 173.81 | | | |
| BODY TUBE AND TAIL CONE | | | | | | | 0.023 | 1,258 | 18.28 | | | |
| FUZE, PD, M7383 | | | | | | | 0.166 | 1,258 | 131.96 | | | |
| IGNITION CTG, 60MM, M702 | | | | | | | 0.019 | 1,258 | 15.10 | | | |
| PROPELLENT CHARGE, 60MM, M235 | | | | | | | 0.060 | 4,961 | 12.09 | | | |
| B647, CTG, 60MM ILLUM* | | | | | | | | | | | | |
| LAP CTG, 60MM, M722A1 | | | | | | 1 | 0.372 | 3,553 | 104.70 | | | 1 |
| BODY TUBE AND TAIL CONE | | | | | | | 0.068 | 3,695 | 18.40 | | İ | † |
| CANNISTER ASSEMBLY, VL | | | | | | | 0.589 | 3,695 | 159.40 | | | 1 |
| FIN ASSEMBLY M27 | | | | | | 1 | 0.020 | 3,695 | 5.41 | | | 1 |
| FUZE, MTSQ, M776 | | | | | | | 0.626 | 3,695 | 169.42 | | | |
| IGNITION CTG, 60MM, M702 | | | | | | | 0.057 | 3,695 | 15.43 | | | |
| PARACHUTE ASSEMBLY | | | | | | | 0.077 | 3,695 | 20.84 | | | |
| PROPELLENT CHARGE, 60MM, M235 | | | | | | | 0.176 | 14,567 | 12.08 | | | |
| | | | | | | + | | | | | | |
| *UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS | | | | | | | | | | | | |
| P5 Subtotal | 11.634 | | | 0.000 | | + | 2.463 | | | | | |

| Exhibit P-5, Cost Analysis | Weapon Sy | rstem | | | Date: | | | | | | | |
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| Continued | | | | | FEBRUARY 2 | 006 | | | | | | |
| Appropriation Code/Budget Activity/Seria | al Number: | | ID Code: | P-1 Line | Item Nomer | nclature: | | | | | | |
| Procurement of Ammunition, Navy and Marine Co | | ion | A | (108300) | 60MM, ALL | TYPES | | | | | | |
| | | FY05 | | | FY06 | | | FY07 | | | | |
| | Total | | Unit | Total | | Unit | Total | | Unit | Total | | Unit |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost |
| WEST COST BEST-BATE | CODE | Ž c 3 | CODE | COBC | Q c y | CODE | CODE | QC) | CODE | COBC | QC1 | COBC |
| BA16, CTG, 60MM HE WITH MOF | | | | | | | | | | | | |
| LAP, CTG, 60MM, M720A1 | 0.170 | 3,962 | 42.85 | 1.361 | 31,805 | 42.79 | | | | | | |
| FIN ASSEMBLY M27 | 0.022 | 4,120 | | 0.176 | 33,073 | 5.32 | | | | | | |
| FUZE, MO, M734A1 | 0.904 | 4,120 | | 7.237 | 33,073 | 218.82 | | | | | | |
| IGNITION CTG, 60MM, M702 | 0.061 | 4,120 | | 0.488 | 33,073 | 14.76 | | | | | | |
| PROPELLENT CHARGE, 60MM, M235 | 0.508 | 43,685 | - | 4.067 | 350,682 | 11.60 | | | | | | |
| SHELL BODY, 60MM, HE, M720A1/M768 | 0.167 | 4,120 | | 1.337 | 33,073 | 40.43 | | | | | | |
| - ,,,, | 31207 | -,120 | 22.55 | | 22,373 | 20.10 | | | | | | |
| PRODUCT | | | | | | | | | | | | |
| ACCEPTANCE TESTING | 0.719 | | | 0.417 | | | 0.126 | | | | | |
| INTERIM TRANSPORTATION | | | | | | | | | | | | |
| PRODUCTION ENGINEERING | 1.822 | | <u> </u> | 0.680 | | | 0.246 | | 1 | 1 | | |
| QUALITY ASSURANCE | 0.051 | | | 0.248 | | | 0.112 | | | | | |
| GFM | -0.392 | | | | | | *** | | | | | |
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| Sub Total | 4.032 | | | 16.011 | | | 0.484 | | | | | |

| Unit Date Court RIAMBNTS Qty Cost Scation of PCO Date and Type Contractor and Location Date Delivery No Date 1, CTO, 6000 HE LADA, ASSESSMER & PACK (LAP) COST, 6000 HE LADA, ASSESSMER & PACK (LAP) COST ASSESSMENT & PACK (LAP) COST ASSESSMER & PACK (LAP) | yes YES YES YES YES YES YES YES YES YES YES | Date Revision. Available |
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| Concernment of Ammunition, Navy and Marine Corps (2) Ammunition Course Corps (2) Ammunition Course Co | YES YES YES YES YES YES YES YES YES YES | Revision |
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| Unit Labor Method March Part Architecture Architecture Part Architecture Part Architecture Part Architecture Part Architecture Part Architecture Part Architecture Part Part Architecture Part Part Architecture Part Part Architecture Part | YES YES YES YES YES YES YES YES YES YES | Revision |
| MBS CORF ELEMENTS 0 Cy Cost Location of PCO Date and Type Contractor and Location Date Delivery So Del | YES YES YES YES YES YES YES YES YES | |
| 1843. CTD, 600M IE COMP A-SCLASS 1 (LB) 82.064 | YES YES YES YES YES YES YES YES | |
| CADL ASSEMBLE & PACK (1AP) | YES YES YES YES YES YES YES | |
| ## 2005 82,064 25,76 3NC, ROCK ISLAND, IL COT 04 C/FP AMBRICAN GEDIANCE, MILAN, TN DEC 04 FEB 07 FY 2005 2,462 N/A 3NC, ROCK ISLAND, IL SEP 04 N/A STOCK ISSUE DEC 04 FEB 07 FY 2005 164,128 N/A SNC, ROCK ISLAND, IL COT 04 N/A STOCK ISSUE DEC 04 FEB 07 COMPANIENT ASSEMBLY DEC 04 FEB 07 FY 2005 344,669 2,56 MC, ROCK ISLAND, IL COT 04 C/FP ARMRICAN GEDIANCE, MILAN, TN DEC 04 FEB 07 LAP, CIG FROP N204 DEC 04 FEB 07 FY 2005 334,022 1,65 MC, ROCK ISLAND, IL COT 04 C/FP ARMRICAN GEDIANCE, MILAN, TN DEC 04 FEB 07 FY 2005 85,347 G.43 MC, ROCK ISLAND, IL COT 04 C/FP AMBRICAN GEDIANCE, MILAN, TN DEC 04 FEB 07 FY 2005 85,347 G.43 MC, ROCK ISLAND, IL COT 04 C/FP AMBRICAN GEDIANCE, MILAN, TN DEC 04 FEB 07 FY 2005 85,347 G.43 MC, ROCK ISLAND, IL COT 04 C/FP AMBRICAN GEDIANCE, MILAN, TN DEC 04 FEB 07 FY 2005 85,347 G.43 MC, ROCK ISLAND, IL SEP 04 C/FP AMBRICAN GEDIANCE, MILAN, TN DEC 04 FEB 07 FY 2005 85,347 G.43 MC, ROCK ISLAND, IL SEP 04 C/FP AMBRICAN GEDIANCE, MILAN, TN DEC 04 FEB 07 FY 2005 85,347 G.43 MC, ROCK ISLAND, IL SEP 04 C/FP MEDICO IND, WILKES-BARRE, PA DEC 04 FEB 07 FY 2005 85,347 G.70 MC, ROCK ISLAND, IL SEP 04 C/FP BULOVA TECH., LANCASTER, PA DEC 04 FEB 07 FY 2007 1,258 13,36 MC, ROCK ISLAND, IL JAN 07 SS/FP PINE BLUFF ARSIENL, FINE BLUFF, AR MAR 07 MAR 09 FY 2007 1,258 15,10 MC, ROCK ISLAND, IL JAN 07 SS/FP PINE BLUFF ARSIENL, FINE BLUFF, AR MAR 07 MAR 09 FY 2007 1,258 15,10 MC, ROCK ISLAND, IL JAN 07 SS/FP PINE BLUFF ARSIENL, FINE BLUFF, AR MAR 07 MAR 09 FY 2007 1,258 15,10 MC, ROCK ISLAND, IL JAN 07 SS/FP PINE BLUFF ARSIENL, FINE BLUFF, AR MAR 07 MAR 09 FY 2007 1,258 15,10 MC, ROCK ISLAND, IL JAN 07 SS/FP PINE BLUFF ARSIENL, FINE BLUFF, AR MAR 07 MAR 09 FY 2007 1,258 MC, ROC | YES YES YES YES YES YES YES | |
| Fr 2005 | YES YES YES YES YES | |
| FY 2005 2,462 M/A JMC, ROCK ISLAND, IL SEP 04 N/A STOCK ISSUE DEC 04 FEB 07 | YES YES YES YES YES | |
| COMP B TYPE I GRADE A [LB) | YES YES YES YES YES | |
| FY 2005 | YES YES YES YES YES | |
| ## 2005 344,669 2.86 JMC, BOCK ISLAND, IL OCT 04 C/FP ABMTEC DEFENSE, COACHELLA, CA DEC 04 FEB 07 | YES YES YES | |
| ## 2005 344,669 2.86 JMC, BOCK ISLAND, IL OCT 04 C/FP ABMTEC DEFENSE, COACHELLA, CA DEC 04 FEB 07 | YES YES YES | |
| FY 2005 | YES YES | |
| ### NOTE OF THE ASSEMBLY ### NOTE OF THE AS | YES YES | |
| ### NOTE OF THE ASSEMBLY ### NOTE OF THE AS | YES YES | |
| FY 2005 | YES | |
| ## N702 IGNITION CARTRIDGE | YES | |
| FY 2005 | YES | |
| ## M720 PROJ MPTS ## 85,347 | YES | . — |
| FY 2005 85,347 25.24 JMC, ROCK ISLAND, IL SEP 04 C/FP MEDICO IND, WILKES-BARRE, PA DEC 04 FEB 07 M935 FUZE FY 2005 85,347 40.70 JMC, ROCK ISLAND, IL OCT 04 C/FP BULOVA TECH., LANCASTER, PA DEC 04 FEB 07 M95 FUZE, PG, 60MM, M720A1 FY 2007 1,258 18.28 JMC, ROCK ISLAND, IL JAN 07 SS/FP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 FUZE, PD, M7383 FY 2007 1,258 131.96 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 IGNITION CTG, 60MM, M702 FY 2007 1,258 131.96 JMC, ROCK ISLAND, IL JAN 07 SS/OP KDI PERCISION, CINCINATTI, OH MAR 07 MAR 09 IGNITION CTG, 60MM, M702 FY 2007 1,258 15.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP WAS PERCISION, CINCINATTI, OH MAR 07 MAR 09 IGNITION CTG, 60MM, M702 FY 2007 1,258 15.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP POCAL INDUSTRIES, MOSCOW, PA MAR 07 MAR 09 IGNITION CTG, 60MM, M702 FY 2007 4,961 12.09 JMC, ROCK ISLAND, IL JAN 07 SS/OP POCAL INDUSTRIES, MOSCOW, PA MAR 07 MAR 09 IGNITION CTG, 60MM ILLUM LAP CTG, 60MM ILLUM LAP CTG, 60MM ILLUM LAP CTG, 60MM M722A1 FY 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 CANNISTER ASSEMBLY, VL | | ļ |
| M935 FUZE FY 2005 85,347 40.70 JMC, ROCK ISLAND, IL OCT 04 C/FP BULOVA TECH., LANCASTER, PA DEC 04 FEB 07 B646, CTG, 60MM SMOKE WP LAP, CTG, 60MM, M720A1 FY 2007 1,258 18.28 JMC, ROCK ISLAND, IL JAN 07 SS/FP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 FY 2007 1,258 18.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 IGNITION CTG, 60MM, M702 FY 2007 1,258 15.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP WKID PERCISION, CINCINATTI, OH MAR 07 MAR 09 FY 2007 1,258 15.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP WKID PERCISION, CINCINATTI, OH MAR 07 MAR 09 FY 2007 1,258 15.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP WKID PERCISION, CINCINATTI, OH MAR 07 MAR 09 FY 2007 1,258 15.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP POCAL INDUSTRIES, MOSCOW, PA MAR 07 MAR 09 FY 2007 4,961 12.09 JMC, ROCK ISLAND, IL JAN 07 SS/OP POCAL INDUSTRIES, MOSCOW, PA MAR 07 MAR 09 EACH CTG, 60MM ILLUM LAP CTG, 60MM M722A1 FY 2007 3,655 104.70 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 CANNISTER ASSEMBLY, VL | | ļ |
| FY 2005 85,347 40.70 JMC, ROCK ISLAND, IL OCT 04 C/FP BULOVA TECH., LANCASTER, PA DEC 04 FEB 07 B646, CTG, 60MM SMOKE WP | | |
| B646, CTG, 60MM SMOKE WP LAP, CTG, 60MM, M720A1 FY 2007 1,210 173.81 JMC, ROCK ISLAND, IL JAN 07 SS/FP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 BODY TUBE AND TAIL CONE FY 2007 1,258 131.96 JMC, ROCK ISLAND, IL JAN 07 SS/OP KDI PERCISION, CINCINATTI, OH MAR 07 MAR 09 ISLAND, IL JAN 07 SS/OP KDI PERCISION, CINCINATTI, OH MAR 07 MAR 09 ISLAND, IL JAN 07 SS/OP WINNOWN FY 2007 1,258 151.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP WINNOWN FY 2007 1,258 15.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP WINNOWN MAR 07 MAR 09 PROPELLENT CHARGE, 60MM, M235 FY 2007 4,961 12.09 JMC, ROCK ISLAND, IL JAN 07 SS/OP POCAL INDUSTRIES, MOSCOW, PA MAR 07 MAR 09 WINNOWN LAP CTG, 60MM ILLUM LAP CTG, 60MM ILLUM LAP CTG, 60MM, M722A1 FY 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 CANNISTER ASSEMBLY, VL | _ | |
| B646, CTG, 60MM SMOKE WP LAP, CTG, 60MM, M720A1 FY 2007 1,210 173.81 JMC, ROCK ISLAND, IL JAN 07 SS/FP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 BODY TUBE AND TAIL CONE FY 2007 1,258 131.96 JMC, ROCK ISLAND, IL JAN 07 SS/OP KDI PERCISION, CINCINATTI, OH MAR 07 MAR 09 ISLAND, IL JAN 07 SS/OP KDI PERCISION, CINCINATTI, OH MAR 07 MAR 09 ISLAND, IL JAN 07 SS/OP WINNOWN FY 2007 1,258 151.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP WINNOWN FY 2007 1,258 15.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP WINNOWN MAR 07 MAR 09 PROPELLENT CHARGE, 60MM, M235 FY 2007 4,961 12.09 JMC, ROCK ISLAND, IL JAN 07 SS/OP POCAL INDUSTRIES, MOSCOW, PA MAR 07 MAR 09 WINNOWN LAP CTG, 60MM ILLUM LAP CTG, 60MM ILLUM LAP CTG, 60MM, M722A1 FY 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 CANNISTER ASSEMBLY, VL | YES | |
| LAP, CTG, 60MM, M720A1 FY 2007 1,250 18.28 JMC, ROCK ISLAND, IL JAN 07 SS/FP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 FUZE, PD, M7383 FUZE, PD, M7383 1,288 131.96 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 IGNITION CTG, 60MM, M702 FY 2007 1,258 151.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 IGNITION CTG, 60MM, M702 FY 2007 1,258 151.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP WINKNOWN MAR 07 MAR 09 IGNITION CTG, 60MM, M702 FY 2007 4,961 12.09 JMC, ROCK ISLAND, IL JAN 07 SS/OP POCAL INDUSTRIES, MOSCOW, PA MAR 07 MAR 09 IGN47, CTG, 60MM ILLUM LAP CTG, 60MM ILLUM LAP CTG, 60MM M722A1 FY 2007 3,655 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 IGN47, CTG, 60MM, M722A1 FY 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 IGN47, CTG, 60MM ILLUM LAP CTG, 60MM M72AA1 FY 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 IGNATIONAL CTG, 60MM, M72AA1 FY 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 IGNATIONAL CTG, 60MM, M72AA1 FY 2007 CANNISTER ASSEMBLY, VL | | |
| LAP, CTG, 60MM, M720A1 FY 2007 1,250 18.28 JMC, ROCK ISLAND, IL JAN 07 SS/FP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 FUZE, PD, M7383 FUZE, PD, M7383 1,288 131.96 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 IGNITION CTG, 60MM, M702 FY 2007 1,258 151.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 IGNITION CTG, 60MM, M702 FY 2007 1,258 151.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP WINKNOWN MAR 07 MAR 09 IGNITION CTG, 60MM, M702 FY 2007 4,961 12.09 JMC, ROCK ISLAND, IL JAN 07 SS/OP POCAL INDUSTRIES, MOSCOW, PA MAR 07 MAR 09 IGN47, CTG, 60MM ILLUM LAP CTG, 60MM ILLUM LAP CTG, 60MM M722A1 FY 2007 3,655 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 IGN47, CTG, 60MM, M722A1 FY 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 IGN47, CTG, 60MM ILLUM LAP CTG, 60MM M72AA1 FY 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 IGNATIONAL CTG, 60MM, M72AA1 FY 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 IGNATIONAL CTG, 60MM, M72AA1 FY 2007 CANNISTER ASSEMBLY, VL | | |
| FY 2007 1,210 173.81 JMC, ROCK ISLAND, IL JAN 07 SS/FP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 MAR 09 FY 2007 1,258 181.96 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 07 MAR 09 MAR 09 MAR 09 INITION CTG, 60MM, M702 1,258 151.96 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 MAR 09 MAR 09 MAR 09 FY 2007 1,258 151.0 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 MAR 09 FROPELLENT CHARGE, 60MM, M725 FY 2007 4,961 12.09 JMC, ROCK ISLAND, IL JAN 07 SS/OP SS/OP DOCAL INDUSTRIES, MOSCOW, PA MAR 07 MAR 09 MA | | |
| BODY TUBE AND TAIL CONE FY 2007 1,258 18.28 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 FUZE, PD, M7383 FY 2007 1,258 131.96 JMC, ROCK ISLAND, IL JAN 07 SS/OP KDI PERCISION, CINCINATTI, OH MAR 07 MAR 09 IGNITION CTG, 60MM, M702 FY 2007 1,258 15.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP UNKNOWN MAR 07 MAR 09 FY 2007 4,961 12.09 JMC, ROCK ISLAND, IL JAN 07 SS/OP POCAL INDUSTRIES, MOSCOW, PA MAR 07 MAR 09 E647, CTG, 60MM ILLUM LAP CTG, 60MM, M722A1 FY 2007 3,553 104.70 JMC, ROCK ISLAND, IL JAN 07 SS/OP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 BODY TUBE AND TAIL CONE 74 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 09 CANNISTER ASSEMBLY, VL | YES | |
| FY 2007 1,258 18.28 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 FUZE, PD, M7383 | 100 | |
| FUZE, PD, M7383 FY 2007 1,258 131.96 JMC, ROCK ISLAND, IL JAN 07 SS/OP KDI PERCISION, CINCINATTI, OH MAR 07 MAR 09 FY 2007 1,258 15.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP UNKNOWN MAR 07 MAR 09 FY 2007 4,961 12.09 JMC, ROCK ISLAND, IL JAN 07 SS/OP DOCAL INDUSTRIES, MOSCOW, PA MAR 07 MAR 09 B647, CTG, 60MM ILLUM LAP CTG, 60MM, M722A1 FY 2007 3,553 104.70 JMC, ROCK ISLAND, IL JAN 07 SS/OP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 BODY TUBE AND TAIL CONE FY 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 09 CANNISTER ASSEMBLY, VL | YES | |
| FY 2007 1,258 131.96 JMC, ROCK ISLAND, IL JAN 07 SS/OP KDI PERCISION, CINCINATTI, OH MAR 07 MAR 09 IGNITION CTG, 60MM, M702 1,258 15.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP UNKNOWN MAR 07 MAR 09 PROPELLENT CHARGE, 60MM, M235 2 | 100 | |
| IGNITION CTG, 60MM, M702 FY 2007 1,258 15.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP UNKNOWN MAR 07 MAR 09 FY 2007 4,961 12.09 JMC, ROCK ISLAND, IL JAN 07 SS/OP POCAL INDUSTRIES, MOSCOW, PA MAR 07 MAR 09 B647, CTG, 60MM ILLUM LAP CTG, 60MM, M722A1 FY 2007 3,553 104.70 JMC, ROCK ISLAND, IL JAN 07 SS/OP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 BODY TUBE AND TAIL CONE FY 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 CANNISTER ASSEMBLY, VL | YES | |
| FY 2007 1,258 15.10 JMC, ROCK ISLAND, IL JAN 07 SS/OP UNKNOWN MAR 07 MAR 09 PROPELLENT CHARGE, 60MM, M235 | 153 | |
| PROPELLENT CHARGE, 60MM, M235 FY 2007 4,961 12.09 JMC, ROCK ISLAND, IL JAN 07 SS/OP POCAL INDUSTRIES, MOSCOW, PA MAR 07 MAR 09 B647, CTG, 60MM ILLUM LAP CTG, 60MM, M722A1 FY 2007 3,553 104.70 JMC, ROCK ISLAND, IL JAN 07 SS/FP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 BODY TUBE AND TAIL CONE 7Y 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 09 CANNISTER ASSEMBLY, VL | YES | |
| FY 2007 4,961 12.09 JMC, ROCK ISLAND, IL JAN 07 SS/OP POCAL INDUSTRIES, MOSCOW, PA MAR 07 MAR 09 B647, CTG, 60MM ILLUM LAP CTG, 60MM, M722A1 FY 2007 3,553 104.70 JMC, ROCK ISLAND, IL JAN 07 SS/FP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 BODY TUBE AND TAIL CONE FY 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 CANNISTER ASSEMBLY, VL | 153 | |
| B647, CTG, 60MM ILLUM LAP CTG, 60MM, M722A1 FY 2007 3,553 104.70 JMC, ROCK ISLAND, IL JAN 07 SS/FP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 B0DY TUBE AND TAIL CONE FY 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 CANNISTER ASSEMBLY, VL | una | |
| LAP CTG, 60MM, M722A1 FY 2007 3,553 104.70 JMC, ROCK ISLAND, IL JAN 07 SS/FP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 BODY TUBE AND TAIL CONE FY 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 CANNISTER ASSEMBLY, VL | YES | |
| LAP CTG, 60MM, M722A1 FY 2007 3,553 104.70 JMC, ROCK ISLAND, IL JAN 07 SS/FP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 BODY TUBE AND TAIL CONE FY 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 CANNISTER ASSEMBLY, VL | | |
| FY 2007 3,553 104.70 JMC, ROCK ISLAND, IL JAN 07 SS/FP PINE BLUFF ARSENAL, PINE BLUFF, AR MAR 07 MAR 09 BODY TUBE AND TAIL CONE 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 CANNISTER ASSEMBLY, VL | | |
| BODY TUBE AND TAIL CONE FY 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 CANNISTER ASSEMBLY, VL | | |
| FY 2007 3,695 18.40 JMC, ROCK ISLAND, IL JAN 07 SS/OP LEWIS ENGINEERING, MARSHALL, TX MAR 07 MAR 09 CANNISTER ASSEMBLY, VL | YES | |
| CANNISTER ASSEMBLY, VL | | |
| | YES | |
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| FY 2007 3,695 159.40 JMC, ROCK ISLAND, IL JAN 07 SS/FP CRANE AAP, CRANE, IN MAR 07 MAR 09 | YES | ļ |
| FIN ASSEMBLY M27 | | ļ |
| FY 2007 3,695 5.41 TMC, ROCK ISLAND, IL JAN 07 SS/OP WILKINSON MFG, PORT CALHOUN, NE MAR 07 MAR 09 | YES | 1 |
| FUZE, MTSQ, M776 | | <u> </u> |
| FY 2007 3,695 169.42 JMC, ROCK ISLAND, IL JAN 07 SS/OP JUNGHAMS, SCHRAMBERG, GERMANY MAR 07 MAR 09 | YES | <u> </u> |
| IGNITION CTG, 60MM, M702 | | 1 |
| FY 2007 3,695 15.43 TMC, ROCK ISLAND, IL JAN 07 SS/OP UNKNOWN MAR 07 MAR 09 | YES | <u> </u> |
| PARACHUTE ASSEMBLY | | <u> </u> |
| FY 2007 3,695 20.84 TMC, ROCK ISLAND, IL JAN 07 SS/OP UNKNOWN MAR 07 MAR 09 | YES | <u> </u> |
| PROPELLENT CHARGE, 60MM, M235 | | |
| FY 2007 14,567 12.08 JMC, ROCK ISLAND, IL JAN 07 SS/OF POCAL INDUSTRIES, MOSCOW, PA MAR 07 MAR 09 | YES | <u> </u> |
| | | <u> </u> |
| BA16, CTG, 60MM HE WITH MOF | | ļ |
| LAP, CTG, 60MM, M720A1 | | ļ |
| FY 2005 3,962 42.85 JMC, ROCK ISLAND, IL JUL 05 SS/OP DAY & ZIMMERMAN, PARSONS, KS MAR 05 JUN 07 | YES | |
| FY 2006 31,805 42.79 JMC, ROCK ISLAND, IL JUL 05 SS/OP DAY & ZIMMERMAN, PARSONS, KS SEP 06 MAR 08 | YES | |
| FIN ASSEMBLY M27 | | ļ |
| FY 2005 4,120 5.35 JMC, ROCK ISLAND, IL JUL 05 SS/OP WILKINSON MFG, PORT CALHOUN, NE SEP 05 MAR 07 | YES | ļ |
| FY 2006 33,073 5.32 JMC, ROCK ISLAND, IL JUL 05 SS/OP WILKINSON MFG, PORT CALHOUN, NE SEP 06 MAR 08 | YES | <u> </u> |
| FUZE, MO, M734A1 | | |
| FY 2005 4,120 219.40 JMC, ROCK ISLAND, IL JUL 05 SS/OP KDI PERCISION, CINCINATTI, OH SEP 05 MAR 07 | | ļ |
| FY 2006 33,073 218.82 MC, ROCK ISLAND, IL JUL 05 SS/OP KDI PERCISION, CINCINATTI, OH SEP 06 MAR 08 | YES | |
| | YES YES | • |
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| Exhibit P-5a, Procuremen | nt Histor | y and Pl | anning | | Weapon S | ystem | Date: FEBRUARY | 2006 | | |
|------------------------------------|-------------|---------------|----------------------|----------|----------|--------------------------------|-------------------|----------|-----------|--|
| Appropriation Code/Budget Acti | vitv/Serial | Number: | | P-1 Line | Item Nom | enclature: | 1 | | | |
| Procurement of Ammunition, Navy ar | | | ition | | 60MM, AL | | | | | |
| | | F - 7 - 7 - 1 | | RFP | Contract | | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | |
| WBS COST ELEMENTS | Ottr | Cost | Location of PCO | Date | | Contractor and Location | Date | Delivery | Now? | Available |
| IGNITION CTG, 60MM, M702 | Qty | COSC | LOCACION OF PCO | Date | and Type | Contractor and Location | Date | Delivery | NOW: | Available |
| FY 2005 | 4,120 | 14.82 | JMC, ROCK ISLAND, IL | JUL 05 | C/FP | POCAL INDUSTRIES, SCRANTON, PA | SEP 05 | MAR 07 | YES | |
| FY 2006 | 33,073 | | JMC, ROCK ISLAND, IL | JUL 05 | C/FP | POCAL INDUSTRIES, SCRANTON, PA | SEP 05 | MAR 08 | YES | |
| PROPELLENT CHARGE, 60MM, M235 | 33,073 | 14.70 | OME, ROCK ISLAND, IL | 001 03 | C/FF | FOCAL INDUSTRIES, SCRANTON, FA | 555 00 | MAIC 00 | 155 | \vdash |
| | | | | | | | | | | |
| FY 2005 | 43,685 | | JMC, ROCK ISLAND, IL | JUL 05 | SS/OP | AMERICAN ORDNANCE, MILAN, TN | SEP 05 | MAR 07 | YES | |
| FY 2006 | 350,682 | 11.60 | JMC, ROCK ISLAND, IL | JUL 05 | SS/OP | AMERICAN ORDNANCE, MILAN, TN | SEP 06 | MAR 08 | YES | |
| SHELL BODY, 60MM, HE, M720A1/M768 | | | | | | | | | | |
| FY 2005 | 4,120 | | JMC, ROCK ISLAND, IL | JUL 05 | SS/OP | MEDICO IND, WILKES-BARRE, PA | SEP 05 | MAR 07 | YES | |
| FY 2006 | 33,073 | 40.43 | JMC, ROCK ISLAND, IL | JUL 05 | SS/OP | MEDICO IND, WILKES-BARRE, PA | SEP 06 | MAR 08 | YES | |
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| Exhibit P-21, Pro | oduct | tion | Sch | edul | .e | | | | | | | | | Date | | | | | | | | | | | | | | | | |
|---------------------------|---------|--|--------|----------|----------|--------|--------|-------|--------|--------|-------|-------|-----------|-------|------|-----|----------|-------|-------|-------|-------|------|----------|----------|-----------|----------|----|----------|-----|------|
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| Appropriation Code/Bu | | | | | | | | | | | Weap | on | | | | | | mencl | | | | | | | | | | | | |
| Procurement of Ammunition | n, Nav | vy and | Marin | ne Cor | ps/2/ | Ammuni | Ltion | | | | Syst | em | | (108 | 300) | DOD | IC: 1 | в643, | CTG | , 601 | 4M HE |] | | | | | | | | |
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| | | Manuf | actur | er's N | Name | | | | | | | | | ALT I | rior | to | ALT | After | | Init | ial M | fg | Reor | der M | lfg | | | Unit | of | |
| Item | | and L | ocati | on | | | | M | SR | EC | !ON | M | AX | Oct : | L | | Oct | 1 | | PLT | | | PLT | | | Tota | 1 | Meas | ıre | |
| B643 | | 1 AM | ERICA | N ORDI | NANCE, | MILA | N, TN | | 1 | | 4 | | 7 | | 6 | | | 2 | | | 26 | | | | | 2 | 28 | | K | |
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| REMARKS: THIS DOES NOT F | REFLECT | THE A | ARMY'S | S BUYS | WHIC | H MAKE | UP TE | HE CO | NTRAC' | TOR'S | 1-8- | 5 PRO | DUCTI | ON RA | TES. | | | | | | | | | | | | | | | |

| Exhibit P-21, Prod | duct | cion | Scl | nedı | ıle | | | | | | | | | Date | : | | | | | | | | | | | | | | | |
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| Procurement of Ammunition | , Nav | ry and | d Mari | ine C | orps/ | 2/Amm | uniti | on | | | Syst | em | | (108 | 300) | DOD | IC: E | BA16, | CTG | , 60N | MM HE | riw : | 'H MO | F | | | | | | |
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| I | | Manui | factu | rer's | Name | | | | | | | | | | rior | to | | After | | Initi | ial M | fg | | der M | fg | | | Unit | | |
| Item | | | Locat | | | | | М | SR | EC | CON | M | AX | Oct : | L | | Oct : | 1 | | PLT | | | PLT | | | Tota | 1 | Meas | ure | |
| BA16 | | 1 D | AY & | | ERMAN, KS | PARS | SONS, | 0 | . 25 | | 2 | | 5 | | 6 | | | 5 | | | 27 | | | 18 | | | 32 | | K | |
| BAIO | | 2 D2 | NV C. | | RMAN, | DADC | ONG | 0. | . 23 | | | | J | | - 0 | | | | | | 21 | | 1 | 10 | | | 32 | | IX | |
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| | _ | S | Q | D | В | 0 | N | D | J | F | М | A | М | J | J | A | S | 0 | N | D | J | F | М | A | M | J | J | A | S | В |
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| Item | Y | C | Y | L | L | Т | V | C | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| BA16 | 2005 | MC1 | 3.96 | 0 | 3.96 | | | | | | | | | 3.96 | | | | | | | | | | | | | | | | 0 |
| | 2006 | MC2 | 31.8 | 0 | 31.8 | | | | | | | | | | | | | | | | | | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 7 2.7 | 2.7 | 12.9 |
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| Exhibit P-21, P | roduc | tion | . Scl | hedu | ıle, | Cor | ntin | ued | | | | | | Date | : | | | | | | | | | | | | | | | |
|------------------------|-----------|----------|-----------|-----------|-------------|----------|----------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|-------|--------|--------|--------|--------|--------|--------|----------|----------|----|--------|--|--------|
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| Appropriation Code/ | Budget | Acti | vity | /Seri | ial N | Iumbe | r: | | | | Wear | on | | P-1 | Line | Ite | m Nor | nencl | atur | e: | | | | | | | | | | |
| Procurement of Ammunit | ion, Na | vy and | d Mar | ine C | orps/ | 2/Amm | uniti | on | | | Syst | | | (108 | 300) | DOD | IC: E | | | | | | 'H MO | F | | | | | | |
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| | | | factu | | Name | : | | | | | | | | ALT 1 | | to | | After | | | ial M | £g | | der M | fg | | | Unit | | |
| Item | | and | Locat | ion | | | | M | SR | ΕC | CON | M | AX | Oct : | l | | Oct | 1 | | PLT | | | PLT | | | Tota | 1 | Meas | ure | |
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| T+ om | F | V | T | E | A | C | 0 | E | A | E | A | P | A | U | U | Ū | E | С | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item BA16 | Y 2005 | C MC1 | Y 3.96 | L 3.96 | L | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | С | N | В | R | R | Y | N | L | G | P | L |
| BAIO | 2005 | - | 31.8 | _ | _ | 1 | 2.7 | 2.7 | 2.7 | 2.1 | | | | | | | | | | | | | | | | | | | | + |
| | 2006 | MCZ | 31.0 | 10.9 | 12.9 | 2.7 | 2.7 | 2.7 | 2.7 | 2.1 | | | | | | | 1 | | | | | | | | | | | | | + |
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| Exhibit P-40, Budget I | tem Ju | stificatio | n | | | | Date: | | | |
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| | | | | | | | FEBRUARY 200 |)6 | | |
| Appropriation Code/Budget A | ctivity/ | Serial Numbe | r: | | P-1 Item Nor | menclature: | | | | |
| Procurement of Ammunition, Navy | and Mari | ne Corps/2/Amm | unition | | (109100) 81 | MM, ALL TYPE | S | | | |
| Program Element for Code B | Items: | | | Other Relate | ed Program E | lements | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | А | 34.828 | 16.985 | 57.351 | 66.179 | 62.694 | 140.397 | 90.572 | | 469.006 |

Description: The Cartridge, 81MM Illuminating Infrared (IR) M816 (DODIC C484) with mechanical time fuze is used in the 81mm M252 mortar system. It is designed to take advantage of the night vision device and reduce friendly forces exposure to the enemy. The 81mm IMC is essentially identical to the current M853A1 illuminating cartridge except that it carries an IR filler vice a "white light" illuminate filler.

The Cartridge, 81mm High Explosive (HE) M821/M821A1 (DODIC C868) with Multi-Option Fuze M734 is a high explosive round developed for use in the M252 Improved 81mm Mortar System. It is intended for use against personnel and light materiel targets.

The cartridge, 81mm High Explosive (HE) M889/M889A1 (DODIC C869) with Point Detonating Fuze M935 is a high explosive round developed for use in the M252 Improved 81mm Mortar System. It is intended for use against personnel and light material targets.

The Cartridge, 81mm Smoke Red Phosphorus (RP) M819 with Mechanical Time Super-Quick Fuze M772 (DODIC C870) is a smoke screen round developed for use in the 81mm M252 Mortar System.

The Cartridge, 81mm Illuminating M853A1 (DODIC C871) with Mechanical Time Super-Quick Fuze (MTSQ) M772 is an illuminating round developed for use in the 81mm M252 Mortar System. It is intended for illuminating a desired point or area.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

| DODIC / Description | FY05 Supplemental Dollars Received |
|--------------------------|---|
| C871, Illum M853/A1 | 9.625 |
| Total 81mm, All Types | 9.625 |

| Exhibit P-5, Cost Analysis | Weapon Sy | stem | | | Date: | | | | | | | |
|--|--------------------------|---------|----------|----------|------------|----------|--------|---------|--------|-------|-----|-------------|
| | | | | | FEBRUARY 2 | 006 | | | | | | |
| Appropriation Code/Budget Activity/Serial | Number: | | ID Code: | P-1 Line | Item Nomen | clature: | | | | | | |
| Procurement of Ammunition, Navy and Marine Corps | | on | A | | 81MM, ALL | | | | | | | |
| Troodrement of immunitation, navy and natine corp. | 7, 2, 111111111111111111 | FY05 | | (10)100) | FY06 | 11120 | | FY07 | | | | |
| | Total | F103 | Unit | Total | 1100 | Unit | Total | 1107 | Unit | Total | | Unit |
| LIDG COCK ELEMENTES | | 0+ | | | 0+ | | | 0+ | | | 0.5 | |
| WBS COST ELEMENTS HARDWARE | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost |
| ** | + | | | | | | - | | | | | + |
| C484, CTG, 81MM ILLUM INFRARED | + | | | | | | | | | | | + |
| COMPLETE ROUND | 1 | | | | | | | | | | | + |
| C868, CTG, 81MM HE WITH MOF | | | | | | | | | | | | 1 |
| LAP,CTG,81MM, M821A2 | | | | 0.247 | 2,460 | 100.41 | 7.024 | 69,860 | 100.54 | | | |
| FIN ASSEMBLY | 1 | | | 0.084 | 2,558 | 32.84 | 2.376 | 72,654 | 32.70 | | | |
| FUZE ADAPTER | | | | 0.026 | 2,558 | 10.16 | 0.74 | 72,654 | 10.19 | | | |
| FUZE, MO, M734A1 | 1 | | | 0.538 | 2,558 | 210.32 | 15.292 | 72,654 | 210.48 | | | 1 |
| IGNITION CTG, M752 | | | | 0.109 | 2,558 | 42.61 | 3.088 | 72,654 | 42.50 | | | |
| PROPELLENT CHARGE | 1 1 | | | 0.083 | 10,086 | 8.23 | 2.370 | 286,426 | 8.27 | | | 1 |
| SHELL BODY, 81MM, M821A1 | | | | 0.159 | 2,558 | 62.16 | 4.53 | 72,654 | 62.35 | | | |
| | | | | | | | | | | | | |
| C869, CTG, 81MM HE WITH PD FUZE | | | | | | | | | | | | |
| LAP, CTG, 81MM, M889 | | | | 2.288 | 19,608 | 116.68 | | | | | | <u> </u> |
| FIN ASSEMBLY | | | | 0.654 | 20,392 | 32.09 | | | | | | |
| FUZE ADAPTER | | | | 0.208 | 20,392 | 10.19 | | | | | | |
| FUZE, PD, M935 | | | | 1.036 | 20,392 | 50.82 | | | | | | |
| IGNITION CTG, M752 | | | | 0.851 | 20,392 | 41.72 | | | | | | |
| PROPELLENT CHARGE | | | | 0.966 | 80,393 | 12.02 | | | | | | |
| SHELL BODY, 81MM, M889 | | | | 1.248 | 20,392 | 61.19 | | | | | | <u> </u> |
| | | | | | | | | | | | | |
| C870, CTG, 81MM SMOKE RP | + | | | | | | | | | | | + |
| LAP, CTG, 81MM, M819 | 1 | | | 2.551 | 9,056 | 281.74 | 1.590 | 4,930 | 322.52 | | | 4 |
| BODY TUBE AND TAIL CONE | + + | | | 0.467 | 9,418 | 49.62 | 0.291 | 5,127 | 56.76 | | | |
| FUZE M772(EA) | + - | | | 1.777 | 9,418 | 188.66 | 1.107 | 5,127 | 215.92 | | | |
| IGN CTG M752(EA) | + - | | | 0.393 | 9,418 | 41.72 | 0.245 | 5,127 | 47.79 | | | |
| PROP CHG M218(EA) | 1 | | | 0.446 | 37,130 | 12.02 | 0.278 | 20,213 | 13.75 | | | 4 |
| GAS ABSORBENT MODULE (GAM) | | | | 0.209 | 18,336 | 11.38 | 0.130 | 9,982 | 13.02 | | | |
| INNER CONTAINER | 1 | | | 0.054 | 9,418 | 5.77 | 0.034 | 5,127 | 6.63 | | | 4 |
| OUTER CONTAINER | 1 | | | 0.112 | 3,139 | 35.60 | 0.070 | 1,709 | 40.96 | | | + |
| C871, CTG, 81MM ILLUM | 1 | | | | | | | | | | | + |
| M853A1 LOAD, ASSEMBLE & PACK | 13.418 | 59,261 | 226.42 | | | | 5.338 | 17,561 | 303.97 | | | + |
| CONTAINER ASSEMBLY M205 (EA) | 0.631 | 251,862 | 2.51 | | | | 0.251 | 74,635 | 3.36 | | | + |
| FIN ASSEMBLY M29 | 1.093 | 61,633 | 17.73 | | | | 0.435 | 18,264 | 23.82 | | | + |
| FUZE MTSQ M772 | 8.509 | 61,633 | 138.06 | | | | 3.385 | 18,264 | 185.34 | | | + |
| IGNITION CARTRIDGE M752 | 1.056 | 61,633 | 17.13 | | | | 0.420 | 18,264 | 22.10 | | | + |
| ILLUMINANT CANISTER | 5.739 | 62,227 | 92.23 | | | | 2.283 | 18,440 | 123.81 | | | + |
| M9 FLAKE .010 (LB) | 0.043 | 1,384 | 31.07 | | | | 0.017 | 410 | 41.46 | | | + |
| PROPELLANT CHARGE M219 | 0.457 | 245,936 | 1.86 | | | | 0.182 | 72,879 | 2.50 | | | + |
| THOUSENET CHARGE FIZED | 0.43/ | 243,330 | 1.36 | | | | 0.102 | ,2,019 | 2.30 | | | + |
| PRODUCT | | | | | | | | | | | | |
| ACCEPTANCE TESTING | 1.959 | | | 0.441 | | | 1.744 | | | | | |
| PRODUCTION ENGINEERING | 2.574 | | | 1.477 | | | 3.178 | | | | | |
| QUALITY ASSURANCE | 0.023 | | | 0.561 | | | 0.970 | | | | | |
| GFE | -0.674 | | | | | | -0.017 | | | | | |
| | | | | | | | | | | - | | |
| TOTAL | 34.828 | | | 16.985 | | | 57.351 | | | | | |

| Exhibit P-5a, Procureme | nt Hist | ory and | Planning | | Weapon Sy | rstem | Date: | | | |
|-----------------------------------|------------|-----------|------------------------|----------|--|----------------------------------|---|----------|-----------|--|
| | | | | | | | FEBRUARY | 2006 | | |
| Appropriation Code/Budget Act | .ivity/Ser | ial Numbe | er: | P-1 Line | Item Nome | enclature: | | | | |
| Procurement of Ammunition, Navy a | - | | | | 81MM, ALI | | | | | |
| , , , , | | | | RFP | Contract | | | Date of | Tech Data | Date |
| | i | Unit | | Issue | Method | | Award | First | | Revisions |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| C868, CTG, 81MM HE WITH MOF | 201 | 0050 | 200401011 01 100 | 2400 | ana ijpe | concreced and because | 2400 | Dellvery | 210 11 1 | IIVallable |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2006 | 2,460 | 100.41 | JMC, ROCK ISLAND, IL | JAN 07 | SS/FP | UNKNOWN | JUN 06 | MAR 07 | YES | |
| FY 2007 | 69,860 | | JMC, ROCK ISLAND, IL | JAN 07 | SS/FP | UNKNOWN | MAR 07 | MAR 08 | YES | |
| FIN ASSEMBLY | | | | | | | | | | |
| FY 2006 | 2,558 | 32.84 | JMC, ROCK ISLAND, IL | JAN 07 | SS/OP | WILKINSON MFG, PORT CALHOUN, NE | MAR 06 | MAR 07 | YES | |
| FY2007 | 72,654 | 32.70 | JMC, ROCK ISLAND, IL | JAN 07 | SS/OP | WILKINSON MFG, PORT CALHOUN, NE | MAR 07 | MAR 08 | YES | |
| FUZE ADAPTER | | | | | | | | | | |
| FY 2006 | 2,558 | 10.16 | JMC, ROCK ISLAND, IL | JAN 07 | SS/OP | UNKNOWN | APR 06 | MAR 07 | YES | |
| FY2007 | 72,654 | 10.19 | JMC, ROCK ISLAND, IL | JAN 07 | SS/OP | UNKNOWN | MAR 07 | MAR 08 | YES | |
| FUZE, MO, M734A1 | | | | | | | | | | |
| FY 2006 | 2,558 | 210.32 | JMC, ROCK ISLAND, IL | JAN 07 | SS/OP | KDI PRECISION, CINCINATTI, OH | MAR 06 | MAR 07 | YES | |
| FY 2007 | 72,654 | 210.48 | JMC, ROCK ISLAND, IL | JAN 07 | SS/OP | KDI PRECISION, CINCINATTI, OH | MAR 07 | MAR 08 | YES | |
| IGNITION CARTRIDGE M752 | | | | | | | | | | |
| FY 2006 | 2,558 | 42.61 | JMC, ROCK ISLAND, IL | JAN 07 | SS/OP | UNKNOWN | JUN 06 | MAR 07 | YES | |
| FY 2007 | 72,654 | 42.50 | JMC, ROCK ISLAND, IL | JAN 07 | SS/OP | UNKNOWN | MAR 07 | MAR 08 | YES | |
| PROPELLENT CHARGE | | | | | | | | | | |
| FY 2006 | 10,086 | 8.23 | JMC, ROCK ISLAND, IL | JAN 07 | SS/OP | GENERAL DYNAMICS, MARION, IL | MAR 06 | MAR 07 | YES | |
| FY 2007 | 286,426 | 8.27 | JMC, ROCK ISLAND, IL | JAN 07 | SS/OP | GENERAL DYNAMICS, MARION, IL | MAR 07 | MAR 08 | YES | |
| SHELL BODY, 81MM, M821A2 | | | | | | | | | | |
| FY 2006 | 2,558 | 62.16 | JMC, ROCK ISLAND, IL | JAN 07 | SS/FP | UNKNOWN | JUN 06 | MAR 07 | YES | |
| FY 2007 | 72,654 | 62.35 | JMC, ROCK ISLAND, IL | JAN 07 | SS/FP | UNKNOWN | MAR 07 | MAR 08 | YES | |
| C869, CTG, 81MM HE WITH PD FUZE | | | | | | | | | | |
| LAP, CTG, 81MM, M889 | | | | | | | | + | | |
| FY 2006 | 19,608 | 116 60 | JMC, ROCK ISLAND, IL | JAN 06 | SS/FP | UNKNOWN | JUN 06 | NOV 08 | YES | |
| FIN ASSEMBLY | 19,000 | 110.00 | OMC, ROCK ISLAND, IL | JAN 06 | 55/12 | NWONANU | 3014 06 | NOV U8 | 155 | |
| FY 2006 | 20,392 | 32 00 | JMC, ROCK ISLAND, IL | JAN 06 | SS/OP | WILKINSON MFG, PORT CALHOUN, NE | MAR 06 | FEB 07 | YES | |
| FUZE ADAPTER | 20,372 | 52.09 | one, Rock IDDAND, ID | 07110 00 | 55/01 | MILITADON FILO, TORT CABIOUN, NE | FILE OU | 1 110 0/ | 150 | |
| FUZE ADAPTER FY 2006 | 20,392 | 10 10 | JMC, ROCK ISLAND, IL | JAN 06 | SS/OP | UNKNOWN | APR 06 | MAR 07 | YES | - |
| FUZE, PD, M945 | 20,332 | 10.19 | ONC, ROCK ISHAND, IL | ONIN OO | 55/UF | ONGOWIN | Ark 00 | PIAR U/ | 153 | |
| FY 2006 | 20,392 | 50 82 | JMC, ROCK ISLAND, IL | JAN 06 | SS/OP | KDI PRECISION, CINCINATTI, OH | MAR 07 | FEB 08 | YES | |
| IGNITION CARTRIDGE M752 | 20,302 | 30.02 | J. J. ROOM TOLKID, III | 3111 00 | 55/01 | AZOIDION, OINCIMIIII, OII | 111111111111111111111111111111111111111 | 125 00 | 100 | |
| FY 2006 | 20,392 | 41.72 | JMC, ROCK ISLAND, IL | JAN 06 | SS/OP | UNKNOWN | JUN 06 | FEB 08 | YES | |
| PROPELLENT CHARGE | 20,352 | | THE ROOM TOLLIND, TH | 312. 30 | 55, 51 | | 502. 50 | 122 30 | 120 | |
| FY 2006 | 80,393 | 12.02 | JMC, ROCK ISLAND, IL | JAN 06 | SS/OP | GENERAL DYNAMICS, MARION, IL | MAR 06 | FEB 07 | YES | |
| * * | , | | , 11 111111, 111 | 1 | | ,, | | T | | |
| | | | | | | | | + | 1 | |
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|-----------------------------------|--------------|-------------|------------------------|----------|------------|------------------------------------|-------------------|------------------|-----------|-----------|
| Exhibit P-5a, Procureme Continued | nt Histor | ry and P | lanning | | Weapon Sys | stem | Date: FEBRUARY | 2006 | | |
| Appropriation Code/Budget Act | _ | | | | Item Nomer | | | | | |
| Procurement of Ammunition, Navy a | nd Marine Co | rps/2/Ammun | ition | (109100) | | TYPES | 1 | 1 | 1 | 1 |
| | | | | RFP | Contract | | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | Revisions |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| SHELL BODY, 81MM, M889 | 1 | | | | | | | | | |
| FY 2006 | 20,392 | 61.19 | JMC, ROCK ISLAND, IL | JAN 06 | SS/FP | UNKNOWN | MAR 06 | MAR 07 | YES | |
| | 1 | | | | | | | | | |
| C870, CTG, 81MM SMOKE RP | | | | | | | | | | |
| LAP, CTG, 81MM, M819 | | | | | | | | | | |
| FY 2006 | 9,056 | 281.74 | JMC, ROCK ISLAND, IL | JAN 06 | SS/FP | PINE BLUFF ARSENAL, PINE BLUFF, AR | MAR 06 | SEP 07 | YES | |
| FY 2007 | 4,930 | 322.52 | JMC, ROCK ISLAND, IL | JAN 06 | SS/FP | PINE BLUFF ARSENAL, PINE BLUFF, AR | MAR 07 | SEP 08 | YES | |
| BODY TUBE AND TAIL CONE | | | | | | | | | | |
| FY 2006 | 9,418 | 49.62 | JMC, ROCK ISLAND, IL | JAN 06 | SS/OP | LEWIS ENGINEERING, MARSHALL, TX | MAR 06 | SEP 07 | YES | |
| FY 2007 | 5,127 | 56.76 | JMC, ROCK ISLAND, IL | JAN 06 | SS/OP | LEWIS ENGINEERING, MARSHALL, TX | MAR 07 | SEP 08 | YES | |
| FUZE M772(EA) | | | | | | | | | | |
| FY 2006 | 9,418 | 188.66 | JMC, ROCK ISLAND, IL | JAN 06 | SS/OP | JUNGHAMS, SCHRAMBERG, GERMANY | MAR 06 | SEP 07 | YES | |
| FY 2007 | 5,127 | 215.92 | JMC, ROCK ISLAND, IL | JAN 06 | SS/OP | JUNGHAMS, SCHRAMBERG, GERMANY | MAR 07 | SEP 08 | YES | |
| GAS ABSORBENT MODULE (GAM) | 1 | | | | | | | | | |
| FY 2006 | 18,336 | 11.38 | JMC, ROCK ISLAND, IL | JAN 06 | SS/OP | UNKNOWN | MAR 06 | SEP 07 | YES | |
| FY 2007 | 9,982 | 13.02 | | JAN 06 | SS/OP | UNKNOWN | MAR 07 | SEP 08 | YES | |
| IGN CTG M752 (EA) | | | | | | | | | | |
| FY 2006 | 9,418 | 41.72 | JMC, ROCK ISLAND, IL | JAN 06 | C/FP | UNKNOWN | MAR 06 | SEP 07 | YES | |
| FY 2007 | 5,127 | 47.79 | | JAN 06 | C/FP | UNKNOWN | MAR 07 | SEP 08 | YES | |
| INNER CONTAINER | | | | | | | | | | |
| FY 2006 | 9,418 | 5.77 | JMC, ROCK ISLAND, IL | JAN 06 | SS/OP | UNITED AMMO CONTAINER, MILAN, TN | MAR 06 | SEP 07 | YES | |
| FY 2007 | 5,127 | 6.63 | JMC, ROCK ISLAND, IL | JAN 06 | SS/OP | UNITED AMMO CONTAINER, MILAN, TN | MAR 07 | SEP 08 | YES | |
| OUTER CONTAINER | 1 | | , | | | , , | | | | |
| FY 2006 | 3,139 | 35.60 | JMC, ROCK ISLAND, IL | JAN 06 | SS/OP | UNITED AMMO CONTAINER, MILAN, TN | MAR 06 | SEP 07 | YES | |
| FY 2007 | 1,709 | 40.96 | | JAN 06 | SS/OP | UNITED AMMO CONTAINER, MILAN, TN | MAR 07 | SEP 08 | YES | |
| PROP CHG M218 (EA) | | | | | | | | | | |
| FY 2006 | 37,130 | 12.02 | JMC, ROCK ISLAND, IL | JAN 06 | SS/OP | GENERAL DYNAMICS, MARION, IL | MAR 06 | SEP 07 | YES | |
| FY 2007 | 20,213 | 13.75 | JMC, ROCK ISLAND, IL | JAN 06 | SS/OP | GENERAL DYNAMICS, MARION, IL | MAR 07 | SEP 08 | YES | |
| | | | | | | | | | | |
| C871, CTG, 81MM ILLUM | 1 1 | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 59,261 | 226.42 | JMC, ROCK ISLAND, IL | OCT 06 | SS/FFP | PINE BLUFF ARSENAL, PINE BLUFF, AR | DEC 04 | SEP 06 | YES | |
| FY 2007 | 17,561 | 303.97 | JMC, ROCK ISLAND, IL | OCT 06 | SS/FFP | PINE BLUFF ARSENAL, PINE BLUFF, AR | DEC 06 | SEP 08 | YES | |
| CONTAINER ASSY M205 (EA) | | | | | | | | | | |
| FY 2005 | 251,862 | N/A | JMC, ROCK ISLAND, IL | OCT 06 | N/A | STOCK ISSUE | DEC 04 | SEP 06 | YES | |
| FY 2007 | 74,635 | 3.36 | JMC, ROCK ISLAND, IL | OCT 06 | C/FP | UNKNOWN | MAR 07 | SEP 08 | YES | |
| FUZE MTSQ M772 | | | | | | | | | | |
| FY 2005 | 61,633 | 138.06 | JMC, ROCK ISLAND, IL | SEP 06 | C/FP | JUNGHAMS, SCHRAMBERG, GERMANY | DEC 04 | SEP 06 | YES | |
| FY 2007 | 18,264 | 185.34 | JMC, ROCK ISLAND, IL | SEP 06 | C/FP | JUNGHAMS, SCHRAMBERG, GERMANY | DEC 06 | SEP 08 | YES | |
| IGNITION CARTRIDGE M752 | 1 | | | | | | | | | |
| FY 2005 | 61,633 | 17.13 | JMC, ROCK ISLAND, IL | OCT 06 | C/FP | AMERICAN ORDNANCE, MILAN, TN | DEC 04 | SEP 06 | YES | |
| FY 2007 | 18,264 | 22.10 | JMC, ROCK ISLAND, IL | OCT 06 | C/FP | UNKNOWN | DEC 06 | SEP 08 | YES | |
| ILLUMINANT CANISTER | 1 | | | | | | | L | | |
| FY 2005 | 62,227 | 92.23 | JMC, ROCK ISLAND, IL | OCT 06 | SS/FP | CRANE AAP, CRANE, IN | DEC 04 | SEP 06 | YES | |
| FY 2007 | 18,440 | 123.81 | JMC, ROCK ISLAND, IL | OCT 06 | SS/FP | CRANE AAP, CRANE, IN | DEC 06 | SEP 08 | YES | |
| M29 FIN F/81MM FY 2005 | 61,633 | 17.73 | JMC, ROCK ISLAND, IL | OCT 06 | C/FP | GAYSTON CORP, SPRINGBORO, OH | SEP 05 | SEP 06 | YES | |
| FY 2005 FY 2007 | 18,264 | 23.82 | | OCT 06 | C/FP | UNKNOWN | JUL 07 | SEP 06 SEP 08 | YES | |
| M9 FLAKE .010 (LB) | 18,264 | 25.82 | OMC, KUCK ISLAND, IL | OCT 06 | C/FP | ONGNOWN | 00F 01 | 5EP U8 | IES | |
| M9 FLAKE .010 (LB) FY 2005 | 1,384 | N/A | JMC, ROCK ISLAND, IL | OCT 06 | N/A | STOCK ISSUE | DEC 04 | SEP 06 | YES | |
| FY 2005 FY 2007 | 410 | N/A N/A | JMC, ROCK ISLAND, IL | OCT 06 | N/A N/A | STOCK ISSUE STOCK ISSUE | DEC 04 DEC 06 | SEP 08 | YES | |
| PROPELLANT CHARGE M219 | 410 | IN/A | one, NOCK TOLIMIND, IL | 001 00 | N/A | DIOCK IDDOE | DEC 00 | 55F 00 | 0.2.1 | |
| FY 2005 | 245,936 | 1.86 | JMC, ROCK ISLAND, IL | SEP 06 | C/FP | AO, MILAN, TN | AUG 05 | SEP 06 | YES | |
| FY 2007 | 72,879 | 2.50 | | SEP 06 | C/FP | UNKNOWN | MAR 07 | SEP 08 | YES | |
| · · | | | , | | | I | | | | |

| Exhibit P-21, Pro | duct | ion | Scł | nedu | ıle | | | | | | | | | Date | : | | | | | | | | | | | | | | | |
|---------------------------|--------|-------|--------|--|-------|-------|--------|-------|-------|--------|-----------|------|--|-------|------|----------|----------|--------|--------|-------|--------|--------|-----------|--------|-----------|------|----------|-------------------------------------|-----------------|--|
| | | | | | | | | | | | | | ı | FEBR | UARY | 200 | 6 | | | | | | | | | | | | | , |
| Appropriation Code/Bud | dget | Acti | vity, | /Seri | ial N | umbe | r: | | | | Weap | on | | P-1 | Line | Ite | m Non | nencl | atur | e: | | | | | | | | | | |
| Procurement of Ammunition | n, Nav | y and | d Mari | ine Co | orps/ | 2/Amm | uniti | on | | | Syst | em | | (109 | 100) | DOD | IC: (| 2868, | CTG | , 81N | M HE | WIT | н мог | ? | | | | | | |
| | | | | | | | | | PRO | ODUCT: | ION R | ATE | | | | |] | PROCUI | REMEN' | T LEA | DTIME | S | | | | | | | | |
| | | Manu: | factu | rer's | Name | | | | | | | | | ALT F | rior | to | ALT A | After | | Initi | ial Mi | £g | Reor | der Mi | fg | | | Unit | of | |
| Item | | and 1 | Locat | ion | | | | M | SR | EC | ON | M | AX | Oct 1 | | | Oct : | 1 | | PLT | | | PLT | | | Tota | 1 | Measu | ıre | |
| C868 | | 1 UNI | KNOWN | | | | | 0. | 01 | | 3 | | 7 | | 6 | | | 8 | | | 9 | | | 12 | | 1 | .7 | | K | |
| | | 2 UNI | KNOWN | | | | | 0. | 01 | | 3 | • | 7 | | 6 | | | 5 | | | | | | 12 | | 1 | .7 | | K | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | Fisc | cal Y | ear | | 2005 | | | | | | | | Fisc | cal Y | ear | | 2006 | | | | | | | | |
| | | | | | | | | | Cale | ndar ' | Year | | 2005 | | | | | | | | Caler | ndar : | Year | | 2006 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | F | M | A | M | J | J | A | S | 0 | N | D | J | F | M | A | М | J | J | A | S | В |
| | F | V | T | E | A | C | 0 | E | A | E | A | P | A | U | U | U | E | C | 0 | E | A | E | A | P | A | U | Ū | U | E | A |
| Item COCO | Y | C | Y | L | L | Т | V | C | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| C868 | 2006 | MC1 | 2.46 | 0 | 2.46 | | | | | - | | | ₩ | | | - | <u> </u> | 1 | | | | | - | | | A | — | ₩ | | 2.46 |
| | 2007 | MC2 | 69.9 | 0 | 69.9 | | | | | | | | igwdown | | | | | | | | | | | | | | ├── | ₩ | $\vdash \vdash$ | 69.9 |
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| | | | | ├── | | | | | | | | | ₩ | | | | | | | | | | | | | | <u> </u> | ₩ | - | |
| | | | | | | | | | | | | | igwdapsilon | | | | | | | | | | | | | | | ₩ | $\vdash\vdash$ | |
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| | | | | Ь— | | Fig | cal Ye | 2022 | | 2007 | | | | | | <u> </u> | | Figs | cal Y | 0.030 | | 2008 | <u> </u> | | | | | | | |
| | | | | | | FISC | Jal I | Eal | Color | ndar : | V-0-20 | | 2007 | | | | | FISC | Jal I | ear | | ndar : | V-0.22 | | 2000 | | | | | |
| | I | S | Q | D | В | 0 | N | D | J | ndar : | rear M | A | 2007 M | J | J | A | S | 0 | N | D | J | naar : | rear M | A | 2008 M | J | J | A | S | В |
| | F | v | T | E | A | C | 0 | E | A | E | A | P | A | U | U | U | E | C | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Υ | С | Y | L | L | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| C868 | 2006 | MC1 | 2.46 | 0 | 2.46 | | | | | | 0.21 | 0.21 | 0.21 | 0.21 | 0.21 | 0.21 | 0.21 | 0.21 | 0.21 | 0.21 | 0.21 | 0.15 | | | | | | | | 0 |
| | 2007 | MC2 | 69.9 | 0 | 69.9 | | | | | | A | | | | | | | | | | | | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 29.3 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| REMARKS: THIS DOES NOT RE | EFLECT | THE | ARMY' | 'S BU | YS WH | ICH M | AKE U | P THE | CONT | RACTO | R'S 1 | -8-5 | PRODU | CTION | RATE | ES. | | | | | | | | | | | | | | |

| Exhibit P-21, Pro | duct | ion | Scl | hedu | ıle, | Cor | ntin | ued | | | | | | Date | : | | | | | | | | | | | | | | | |
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| Exhibit P-21, Pr | oduc | tion | Scl | hedu | ıle | | | | | | | | | Date | | | _ | | | | | | | | | | | | | |
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| Appropriation Code/B | | | _ | | | | | | | | Weap | | | | | | m Non | | | | | | | | | | | | | |
| Procurement of Ammuniti | on, Na | vy and | d Mar: | ine C | orps/ | 2 / Ammı | unitio | on | | | Syst | | | (109 | 100) | DOD | | | | , 81N | | | | | | | | | | |
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| C871 | 2005 | MC1 | 59.3 | Т | 59.3 | 1 | v | A | IN | Д | л | л | 1 | IN | ь | G | P | 1 | · · | | IN | Д | л | л | 1 | IN | ь | - 6 | 4.9 | 54.4 |
| C0 / 1 | 2005 | _ | 17.6 | 0 | 17.6 | | | А | | | | | | | | | | | | | | | | | | | | \vdash | 4.9 | 17.6 |
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| C871 | 2005 | | Y 59.3 | 4.9 | 54.4 | 4.9 | V 4.9 | 4.9 | N 4.9 | В 4.9 | 4.9 | R 4.9 | 4.9 | N 4.9 | 4.9 | G 5.4 | _ | T | V | C | N | В | R | R | Y | N | ь | G | P | т - |
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| Exhibit P-21, Prod | duct | cion | Scl | hedu | ıle, | Cor | ntin | ued | | | | | | Date | : | | | | | | | | | | | | | | | |
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| Procurement of Ammunition | , Nav | y and | d Mari | ine Co | orps/ | 2/Amm | uniti | on | | | Syst | em | | (109 | 100) | DOD | IC: C | 2871, | CTG | , 81N | MM IL | LUM | | | | | | | | |
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| 1 | | Manuf | factu | rer's | Name | | | | | | | | | ALT I | rior | to | ALT A | After | | Initi | ial Mf | g | Reor | der M | fg | | | Unit | of | |
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| C871 | 2005 | MC1 | 59.3 | 59.3 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | 2007 | MC1 | 17.6 | 1.5 | 16.1 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.1 | | | | | | | | | | | | | | 0 |
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| | | S | Q | D | В | 0 | N | D | J | F | M | A | M | J | J | A | S | 0 | N | D | J | F | M | A | M | J | J | A | S | В |
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| Exhibit P-40, Budget | Item J | ustificat | ion | | | | Date: | | | | | |
|--------------------------------|------------|----------------|------------|--------------|---------------|--------------|--------------|---------|-----------------|---------|--|--|
| | | | | | | | FEBRUARY 200 | 6 | | | | |
| Appropriation Code/Budget A | ctivity | /Serial Numb | er: | | P-1 Item Nom | menclature: | | | | | | |
| Procurement of Ammunition, Nav | y and Ma | rine Corps/2/A | Ammunition | | (112100) 120 | MM, ALL TYPE | IS | | | | | |
| Program Element for Code B | Items: | | | Other Relate | ed Program El | ements | | | | | | |
| | ID | | | | | | | | То | Total | | |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program | | |
| Proc Qty | | | | | | | | | | | | |
| Gross Cost | А | 43.795 | 9.428 | 32.858 | 35.677 | 58.725 | 55.784 | 32.303 | | 268.570 | | |
| Proc Qty | ID Code | | FY 2006 | FY 2007 | FY 2008 | FY 2009 | | | Complete Progra | | | |

Description: The Cartridge, 120MM Target Practice Cartridge with Tracer (TP-T) M831 Series (DODIC C784) is a fixed 120mm cartridge which simulates the ballistics of the High Explosive Anti-tank Multi-Purpose with Tracer (HEAT-MP-T) M830 Series Cartridge.

The Cartridge, 120MM Target Practice Cone Stabilized Discarding Sabot with Tracer (TPCSDS-T) M865 (DODIC C785) is a kinetic energy, target practice round for use with the 120mm smooth bore M256 Cannon. It is designed to simulate the service round characteristics at reduced maximum ranges to allow the practice firings on short range proving grounds and training areas.

The Cartridge, 120MM High Explosive Anti-Tank Multi-Purpose with Tracer (HEAT-MP-T) M830A1 (DODIC C791). The M830A1 Cartridge is used in the 120mm smooth bore M256 Cannon and is a fin-stabilized round with a discarding sabot. This is a multi-purpose round with anti-tank and air defense capability.

The XM1002 Target Practice Multi-Purpose Cartridge with Tracer (TPMP-T) (DODIC CA31), 120MM Cartridge is a Training Cartridge for the tactical M830A1 HEAT-MP-T Cartridge.

The M1028 120MM Canister Cartridge (DODIC CA38) is used in the 120mm smooth bore M256 cannon aboard the M1A1 Main Battle Tank. The M1028 canister tank cartridge is a tank round comprised of 1150 tungsten balls, which are expelled upon muzzle exit.

Expeditionary Fire Support System (EFSS) will be a family of 120MM that will include Illumination, High Explosive, and White Phosphorus munitions. The EFSS will provide all-weather, ground-based, close supporting, accurate, immediately responsive, and lethal indirect fire support for the Marine Air-Ground Task Force (MAGTF). EFSS will be the principal indirect fire support weapon for Marine Expeditionary Units and vertical assault elements of a Ship-To-Objective Maneuver force. EFSS will be capable of successfully engaging a spectrum of potential point and area targets, including motorized, light armored, and dismounted personnel targets, command and control systems, and indirect fire systems.

Note: The Family of 120MM Rifled Ammunition is currently undergoing WSERB Qualification. It is expected that during FY06 (Jul 06) that PM, EFSS will be able to provide unit pricing & component data information as well as quantities to procure for a 120MM Rifled Family of Ammunition. When this occurs DFM will be provided with that information. PANMC funding identified for procurement through the FYDP will be used to procure this new Family of 120MM Rifled Ammunition to support Training and War Reserve Requirements.

| Exhibit P-40, Budget Ite | em Just | ification | , Continue | ed | | | Date: | | | |
|------------------------------------|----------|---------------|------------|--------------|--------------|-------------|--------------|---------|----------|---------|
| | | | | | | | FEBRUARY 200 | 16 | | |
| Appropriation Code/Budget Act: | ivity/Se | erial Number: | | | P-1 Item Nor | menclature: | | | | |
| Procurement of Ammunition, Navy an | d Marine | Corps/2/Ammun | ition | | (112100) 120 | MM, ALL TYP | ES | | | |
| Program Element for Code B Ite | ems: | | | Other Relate | ed Program E | lements | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | A | 43.795 | 9.428 | 32.858 | 35.677 | 58.725 | 55.784 | 32.303 | | 268.570 |

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

FY06 funding includes a Congressional Add of \$2.3M for 120MM Tank Ammunition-M1028 Canister Rounds.

| DODIC / Description | FY05 Supplemental Dollars Received |
|---------------------------|---|
| C791, 120MM HEAT-MP-T | 15.738 |
| CA38, 120MM Canister | 2.896 |
| Total 120mm, All Types | 18.634 |

| Exhibit P-5, Cost Analysis | Weapon Sy | ystem | | | Date: | | | | | | | |
|--|--|-------|----------|----------|------------|----------|--------|-------|---------|-------|----------|--|
| | | | | | FEBRUARY 2 | 2006 | | | | | | |
| Appropriation Code/Budget Activity/Serial | Number: | | ID Code: | P-1 Line | Item Nome | nclature | • | | | | | |
| Procurement of Ammunition, Navy and Marine Corp | | tion | A | (112100) | 120MM, AL | L TYPES | | | | | | |
| | | FY05 | | , | FY06 | | | FY07 | | | | |
| | Total | | Unit | Total | 1100 | Unit | Total | 1107 | Unit | Total | | Unit |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost |
| HARDWARE | 3323 | 201 | 0000 | 0050 | Z = 1 | 0050 | 0020 | & 0 J | 0000 | 0020 | <u> </u> | 0020 |
| C784, CTG, 120MM TP-T M831A1 | t | | | | | | | | | | | |
| COMPLETE ROUND M831A1 | 2.462 | 3,830 | 642.69 | | | | | | | | | |
| | | | | | | | | | | | | |
| C785, CTG, 120MM TPCSDS-T M865 | | | | | | | | | | | | |
| COMPLETE ROUND M865 | 5.790 | 9,492 | 609.97 | | | | 6.247 | 9,916 | 630.01 | | | |
| | | | | | | | | | | | | |
| C791, CTG, 120MM HEAT-MP-T (AA) M830A1* | | | | | | | | | | | | |
| COMPLETE ROUND M830A1 | 21.537 | 3,000 | 6233.00 | | | | 5.139 | 1,000 | 6474.00 | | | |
| | | | | | | | | | | | | |
| CA31, CTG, 120MM TPMP-T M1002 | | | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| CA38, CTG, 120MM TANK CANISTER XM1028 | | | | | | | | | | | | |
| COMPLETE ROUND | 7.155 | 5,000 | 1490.00 | 1.348 | 1,000 | 1586.00 | 2.962 | 2,000 | 1500.00 | | | |
| | | | | | | | | | | | | |
| EFSS, EXPEDITIONARY FIRE SUPPORT SYSTEM (EFSS) | | | | | | | | | | | | |
| AMMUNITION UNDERGOING QUALIFICATION | 1.500 | | | 7.231 | | | 15.929 | | | | | |
| | | | | | | | | | | | | |
| PRODUCT | | | | | | | | | | | | |
| ACCEPTANCE TESTING | 0.988 | | | 0.315 | | | 0.898 | | | | | |
| PRODUCTION ENGINEERING | 4.356 | | | 0.530 | | | 1.627 | | | | | |
| QUALITY ASSURANCE | 0.007 | | | 0.004 | | | 0.056 | | | | | <u> </u> |
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| *UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS | | | | | | | | | | | | |
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| | \longmapsto | | | | | | | | | | | |
| TOTAL | 43.795 | | | 9.428 | | | 32.858 | | | | | <u></u> |

| Exhibit P-5a, Procurement His | tory an | d Plan | ning | | Weapon Sys | stem | Date: | | | |
|--|------------|---------|-----------------------|------------|------------|-------------------------------------|------------|----------|-----------|--|
| | 77 7 | | 5 | | | | FEBRUARY | 2006 | | |
| Appropriation Code/Budget Activity/S | erial Numl | oer: | | P-1 Line | Item Nomer | nclature: | 1 | | | |
| Procurement of Ammunition, Navy and Marine | | | ı | (112100) | 120MM, ALI | TYPES | | | | |
| | | | | RFP | Contract | | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | Revisions |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| C784, CTG, 120MM TP-T M831A1 | | | | | | | | | | |
| COMPLETE ROUND M831A1 | | | | | | | | | | |
| FY 2005 | 1,915 | 642 69 | JMC, ROCK ISLAND, IL | MAY 02 | CM-5/FP | ALLIANT TECH SYS INC, PLYMOUTH, MN | DEC 04 | DEC 05 | YES | |
| FY 2005 | 1,915 | | JMC, ROCK ISLAND, IL | UNKNOWN | C/FFP | GENERAL DYNAMICS, ST PETERSBURG, FL | DEC 04 | JAN 06 | YES | |
| F1 2005 | 1,913 | 042.09 | OFIC, ROCK ISLAND, IL | OINKINOWIN | C/FFF | GENERAL DINAMICS, SI PETERSBORG, FI | DEC 04 | UAIN UU | 153 | |
| C785, CTG, 120MM TPCSDS-T M865 | | | | + | | | 1 | | | |
| COMPLETE ROUND M865 | | | | | | | | | | |
| FY 2005 | 4,746 | 609.97 | JMC, ROCK ISLAND, IL | OCT 04 | C/FFP | ALLIANT TECH SYS INC, PLYMOUTH, MN | DEC 04 | FEB 06 | YES | |
| FY 2005 | 4,746 | 609.97 | | OCT 04 | C/FFP | GENERAL DYNAMICS, ST PETERSBURG, FL | DEC 04 | MAR 06 | YES | |
| FY 2007 | 4,746 | 630.01 | | OCT 04 | C/FFP | ALLIANT TECH SYS INC, PLYMOUTH, MN | JAN 07 | OCT 07 | YES | |
| FY 2007 | 4,958 | 630.01 | | OCT 04 | C/FFP | GENERAL DYNAMICS, ST PETERSBURG, FL | JAN 07 | OCT 07 | YES | |
| F1 2007 | 4,758 | 030.01 | OFIC, ROCK ISLAND, IL | UC1 U4 | C/FFP | GENERAL DINAMICS, SI PETERSBURG, FL | UAIN U / | UCI U/ | 120 | |
| C791, CTG, 120MM HEAT-MP-T (AA) M830A1 | | | | + | | | 1 | 1 | 1 | |
| COMPLETE ROUND M830A1 | | | | + | † | | | | | |
| FY 2005 | 3,000 | 6233 00 | ARDEC PICATINNY, NJ | OCT 04 | C/FFP | ALLIANT TECH SYS INC, PLYMOUTH, MN | FEB 06 | DEC 07 | YES | |
| FY 2007 | 1,000 | | ARDEC PICATINNY, NJ | OCT 04 | C/FFP | ALLIANT TECH SYS INC, PLYMOUTH, MN | FEB 00 | OCT 08 | YES | |
| F1 2007 | 1,000 | 64/4.00 | ARDEC PICATINNI, NO | 001 04 | C/FFP | ALLIANI IECH SIS INC, PLIMOUIH, MIN | FEB U7 | 001 08 | 155 | |
| CA38, CTG, 120MM TANK CANISTER XM1028 | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | |
| FY 2005 | 5,000 | 1490 00 | ARDEC PICATINNY, NJ | OCT 04 | SS/FP | GENERAL DYNAMICS, ST PETERSBURG, FL | JUL 05 | NOV 06 | YES | |
| FY 2006 | 1,000 | | ARDEC PICATINNY, NJ | UNKNOWN | SS/OPT | GENERAL DYNAMICS, ST PETERSBURG, FL | MAR 06 | FEB 07 | YES | |
| FY 2007 | 2,000 | | ARDEC PICATINNY, NJ | MAR 05 | SS/OPT | GENERAL DYNAMICS, ST PETERSBURG, FL | FEB 07 | SEP 07 | YES | |
| F1 2007 | 2,000 | 1300.00 | ARDEC FICATIONI, NO | PIAR 03 | 33/OF1 | GENERAL DINAMICS, SI PETERSBORG, FI | FEB 07 | SEF U7 | 153 | |
| EFSS, EXPEDITIONARY FIRE SUPPORT SYSTEM | | | | 1 | | | | | | |
| AMMUNITION UNDERGOING QUALIFICATION | | | | | | | | | | |
| FY 2005 | 0 | 0.00 | ARDEC PICATINNY, NJ | UNKNOWN | C/FFP | GENERAL DYNAMICS, ST PETERSBURG, FL | UNKNOWN | UNKNOWN | NO | |
| FY 2006 | 0 | 0.00 | | UNKNOWN | C/FFP | GENERAL DYNAMICS, ST PETERSBURG, FL | UNKNOWN | UNKNOWN | NO | |
| FY 2007 | 0 | | ARDEC PICATINNY, NJ | UNKNOWN | C/FFP | GENERAL DYNAMICS, ST PETERSBURG, FL | UNKNOWN | UNKNOWN | NO | |
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| Exhibit P-21, | Produc | tion | ı Sc | hedı | ıle | | | | | | | | | Date | | 200 | | | | | | | | | | | | | | |
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| C785 | 2005 | MC1 | 4.75 | 4.75 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
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| | F | v | T | E | A | C | 0 | E | A | E | A | P | A | U | U | U | E | C | 0 | E | A | E | A | P | A | U | U | U | E | A |
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| ·-· | F | V | Т | E | A | C | 0 | E | A | E | A | P | A | U | U | Ū | E | C | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Υ | С | Y | L | L | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| C791 | <u> </u> | | | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | |
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| Exhibit P-21, | Produc | tion | ı Scl | hedu | ıle | | | | | | | | | Date | | | | | | | | | | | | | | | | |
|--|----------|--|--|--|--|----------|--------|--|----------|--------|--|---|-----------------------------|--------------------------------------|------|--------|----------|--|-------|--------|----------|--------|--|--------|--|------|--|--------------|--------|----------|
| | | | | | | | | | | | | | FEBRUARY 2006 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | P-1 Line Item Nomenclature: | | | | | | | | | | | | | | | | | |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition System PRODUCTION RATE | | | | | | | | | | | | (112100) DODIC: CA38, CTG, 120MM TANK CANISTER XM1028 | | | | | | | | | | | | | | | | | | |
| | | T | | | | | | - | PRO | ODUCT | ION R | ATE | | | | | _ | | REMEN | T LEA | | | 1_ | | _ | | | 1 | | |
| | | | factu | | Name | 1 | | | | | | | | | rior | to | ALT A | | | | ial M | fg | | der M | fg | | | Unit of | | |
| Item | | _ | Locat | | | | | M | SR | EC | CON | M | AX | Oct 1 | L | | Oct : | 1 | | PLT | | | PLT | | | Tota | 1 | Meası | ıre | |
| CA38 | | 1 | GENE | | YNAMI BURG, | | т. | 1 | 00 | 2 | 50 | 4 | 00 | | 6 | | | 9 | | | 16 | | | 12 | | | 25 | | K | |
| | | 2 | GENE | | | | т. | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | BURG, | | | 1 | 00 | 2 | 50 | 4 | 00 | | 6 | | | 5 | | | | | | 11 | | | L6 | | K | |
| | | 3 | GENE | | | | т. | | | | | | | | | | | | | | | | | | | | | | | |
| | | | PE | TERSE | BURG, | FL | | 1 | 00 | 2 | 50 | 4 | 00 | | 6 | | | 4 | | | | | | 7 | | - | 11 | | K | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | - | | | | Fis | cal Y | ear | | 2005 | | | | | | | - | Fis | cal Y | ear | 1 | 2006 | | | | | | - | | |
| | <u> </u> | 1 ~ | 1 ^ | - | T - | 1 ^ | | - | | ndar | | | 2005 | - | - | | 1 - | _ | | - | | ndar | | | 2006 | | - | 1 - | _ | |
| | F | s v | Q T | D E | B | O C | N O | D E | J A | F E | M A | A P | M A | J | IJ | A U | S E | 0 C | N | D E | J A | F E | M A | A P | M A | J | J | A U | S E | B A |
| Item | Y | C | Y | L | L | Т | v | C | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| CA38 | 2005 | MC1 | 5.0 | 0 | 5.0 | | | | | | | | | | A | | | | | | | | | | | | | | | 5. |
| | 2006 | MC2 | 1.0 | 0 | 1.0 | | | | | | | | | | | | | | | | | | A | | | | | | | 1. |
| | 2007 | MC3 | 2.0 | 0 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | 2. |
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| | | | | | | Fis | cal Y | ear | a 1 | 2007 | | | 0007 | Fiscal Year 2008 Calendar Year 2008 | | | | | | | | | | | | | | | | |
| | | S | Q | D | В | 0 | N | D | J | F | M | A | 2007 M | J | J | А | S | 0 | N | D | J | F | M | A | 2008 M | J | J | A | S | В |
| | F | V | T | E | A | C | 0 | E | A | E | A | P | A | U | U | U | E | C | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Υ | C | Y | L | L | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| CA38 | 2005 | MC1 | 5.0 | 0 | 5.0 | | 5.0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 2006 | + | 1.0 | _ | 1.0 | | | | | 1.0 | | | | | | | | | | | | | | | | | | | | |
| | 2007 | MC3 | 2.0 | 0 | 2.0 | <u> </u> | | | | A | | | | | | | 2.0 | | | | | | | | <u> </u> | | | <u> </u> | | <u>↓</u> |
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| REMARKS: THIS DOES | | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | | <u> </u> | <u> </u> | l | 1 | | | | | | | | | | | | | | 1 | | | | | |

| Exhibit P-40, Bu | ıdget I | Item Justi | fication | | | | Date: | | | | | | | | | | | |
|-------------------------|-----------|---------------|----------------|--------------|------------------------------|--------------------|--------------|---------|--|----------|---------|--|--|--|--|--|--|--|
| | | | | | | | FEBRUARY 200 | 6 | | | | | | | | | | |
| Appropriation Code/E | Budget A | ctivity/Seri | al Number: | | P-1 Item Nomenclature: | | | | | | | | | | | | | |
| Procurement of Ammunit: | ion, Navy | and Marine Co | orps/2/Ammunit | ion | (138800) CTG,25MM, ALL TYPES | | | | | | | | | | | | | |
| Program Element for | Code B | Items: | | Other Relate | ed Program El | d Program Elements | | | | | | | | | | | | |
| | ID | 000F | 000c | 000F | | TT 0000 | TT 0010 | 0011 | | То | Total | | | | | | | |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | | Complete | Program | | | | | | | |
| Proc Qty | | | | | | | | | | | | | | | | | | |
| Gross Cost | А | 8.385 | 2.090 | 9.536 | 8.250 | 17.008 | 0.850 | 0.000 | | | 46.119 | | | | | | | |

Description: The Cartridge, 25mm Target Practice Discarding Sabot with Tracer (TPDS-T) M910 Linked (DODIC A940) is fired from the M242 Automatic Cannon. This cartridge is a fixed type, percussion primer 25mm ammunition intended as a training substitute for armor piercing service ammunition. The M910 Cartridge consists of a sabot encapsulated projectile body, crimped to a steel cartridge case containing 97 grams of extruded propellant, M115 Percussion Primer and booster pellet. The projectile body consists of a solid-steel core, pressed-on aluminum windshield, pressed-in tracer pellets, molded discarding-type nylon sabot, staked-aluminum base, and pressed-on polyethylene nose cap.

The Cartridge, 25mm Dummy M794 Linked (DODIC A967) is used for non-firing system checkout used with the 25mm M242 Automatic Cannon for training of the crew. This M794 Cartridge is a modified M793 Target Practice with Tracer (TP-T) projectile silver brazed to a modified standard cartridge case and is completely inert. The cartridge case cavity is filled through an enlarged primer hole with an epoxy resin filler to approximate the weight of the M792 High Explosive Incendiary-Tracer (HEI-T) and M793 TP-T Service Cartridges. The threaded nose of the TP-T projectile is silver brazed to the projectile body to improve physical integrity. The external configuration of the M794 metal dummy cartridge (by use of standard components) is the same as that of the M792 HEI-T and M793 TP-T Service Cartridges. These cartridges are linked together by the M28 link.

The Cartridge, 25mm Target Practice-Tracer (TP-T) M793 Linked (DODIC A976) is a target practice cartridge used in training, gun testing, and gun system functioning for the M242 25mm Automatic Cannon. The M793 is a fixed type, percussion primed 25mm projectile, and is intended as a substitute for the 25mm tactical round cartridge. The projectile is painted blue and is inert. The cartridge consists of a hollow, two-piece projectile body, which is crimped to a steel cartridge case containing 99 grams of ball propellant, M115 Percussion Primer, and booster pellet. The body of the projectile consists of a hollow steel body screw-on steel nosepiece, swaged iron-rotating band, and pressed-in tracer pellets. This projectile is configured only as linked ammunition.

The Cartridge, 25mm APFSDS-T M919 Linked (DODIC A986) is an Armor-Piercing Discarding Sabot with Tracer (APFSDS-T) cartridge fired from the M242 Automatic Cannon. This cartridge is a fixed type, percussion primed 25mm ammunition, intended as an armor piercing service round to successfully engage light armored vehicles. The M719 cartridge consists of a subcaliber projectile inside an aluminum sabot crimped to a steel cartridge case containing 98 grams of extruded propellant, a M115 Percussion Primer, and a booster pellet. The subprojectile consists of a depleted uranium penetrator and a threaded aluminum windshield with pressed-in tracer pellets. The three piece aluminum sabot utilizes a nylon obturator and a polyethylene nose cap.

| Exhibit P-40, Budget Item | m Just | ification, | Continue | d | | | Date: | | | |
|-------------------------------------|----------|----------------|----------|--------------|---------------|-------------|--------------|---------|----------|---------|
| | | | | | | | FEBRUARY 200 | 6 | | |
| Appropriation Code/Budget Activ | ity/Ser | ial Number: | | | P-1 Item Nom | enclature: | | | | |
| Procurement of Ammunition, Navy and | Marine C | orps/2/Ammunit | ion | | (138800) CTG | , 25MM, ALL | TYPES | | | |
| Program Element for Code B Item | ıs: | | | Other Relate | ed Program El | ements | | | | |
| | | | | | | | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | A | 8.385 | 2.090 | 9.536 | 8.250 | 17.008 | 0.850 | 0.000 | | 46.119 |

Light Armor Vehicle 25 (DDDIC LAV2). This funding is being used for the evaluation of advanced technology in the 25MM Family of munitions. The LAV-25 is an all-terrain, all-weather vehicle with night capabilities. It provides strategic mobility to reach and engage the threat, tactical mobility for effective use of fire power, fire power to defeat soft and armored targets, and battlefield survivability to carry out combat missions. It is air transportable via C-130, C-141, C-5 and CH-53 E. When combat loaded there are 210 ready rounds and 420 stowed rounds of 25 mm ammunition as well as 400 ready rounds and 1200 stowed rounds of 7.62mm. There are 8 ready rounds and 8 stowed rounds of smoke grenades. A supplementary M240E1 7.62mm machine gun can be pintle-mounted at the commander's station in the turret. The LAV-25 is fully amphibious with a maximum of 3 minutes preparation.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

| DODIC / Description | FY05 Supplemental Dollars Received |
|------------------------------|---|
| A976, TP-T, M993, Linked | 4.654 |
| Total CTG 25mm, All Types | 4.654 |

| Exhibit P-40a, Budget Item Justif: | icati | on for A | ggregate | d Items | | | | Date: FEBRUARY 2 | 2006 | |
|--|------------|----------|----------|------------|-------------|-----------|--|---------------------|----------------|-------|
| Appropriation Code/Budget Activity/Serial | Number | : | | P-1 Item N | Nomenclatur | re: | | | | |
| Procurement of Ammunition, Navy and Marine Corps | | | | (138800) (| CTG,25MM, A | ALL TYPES | | | | |
| | ID Code | FY2005 | FY2006 | FY2007 | | | | | To Complete | Total |
| LAV2, LIGHT ARMOR VEHICLE-25 (LAV-25) | А | 0.005 | 0.000 | 0.000 | | | | | | |
| QTY | | 0 | 0 | 0 | | | | | | |
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| P40a Total | | 0.005 | 0.000 | 0.000 | | | | | | |

| Exhibit P-5, Cost Analysis | Weapon Sy | ystem | | | Date: FEBRUARY 2 | 2006 | | | | | | |
|---|------------|---------|----------|----------|---------------------|-----------|-------|--------|--------|-------|-----|--|
| Appropriation Code/Budget Activity/Serial | Number: | | ID Code: | P-1 Line | Item Nome | | | | | | | |
| Procurement of Ammunition, Navy and Marine Cor | ps/2/Ammun | iition | A | (138800) | CTG, 25MM | , ALL TYP | PES | | | | | |
| | | FY05 | | | FY06 | | | FY07 | | | | |
| | Total | | Unit | Total | | Unit | Total | | Unit | Total | | Unit |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost |
| A940, CTG, 25MM TPDS-T LINKED | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| A967, CTG, 25MM DUMMY LINKED | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | 0.322 | 2,294 | 140.37 | | | | | | <u> </u> |
| BOX METAL M2A1 (EA) | | | | 0.003 | 391 | 7.67 | | | | | | |
| A976, CTG, 25MM TP-T LINKED* | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 7.321 | 563,820 | 12.98 | 1.504 | 109,085 | 13.79 | | | | | | |
| CONTAINER, PA125 | 0.847 | 19,621 | 43.15 | 0.174 | 3,796 | 45.84 | | - | | | | |
| 2006 979 0519 277979 7 4010 | | | | | | | | | | | | <u> </u> |
| A986, CTG, 25MM APFSDS-T, M919 COMPLETE ROUND | | | | | | | 9.337 | 89,397 | 104.44 | | | |
| COMPLETE ROUND | | | | | | | 9.337 | 89,397 | 104.44 | | | |
| PRODUCT | | | | | | | | | | | | |
| PRODUCTION ENGINEERING | 0.205 | | | 0.086 | | | 0.194 | | | | | |
| QUALITY ASSURANCE | 0.007 | | | 0.001 | | | 0.005 | | | | | |
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| *UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS | | | | | | | | | | | | |
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| TOTAL | 8.380 | | | 2.090 | | | 9.536 | | | | | <u> </u> |

| Exhibit P-5a, Procureme | ent Histo | ry and P | lanning | | Weapon Sys | stem | Date: | | | - |
|----------------------------------|----------------|----------------|----------------------|----------|------------|--|----------|----------|-----------|-----------|
| | | 1 | 5 | | | | FEBRUARY | 2006 | | |
| Appropriation Code/Budget Ac | tivity/Seri | al Number: | | P-1 Line | Item Nomen | ıclature: | | | | |
| Procurement of Ammunition, Navy | | | nition | | CTG, 25MM, | | | | | |
| FIOCUTEMENT OF AMMUNITETON, NAVY | and Marrine Co | DI PB/Z/AIIIII | 11 (1011 | RFP | Contract | ABB TIFES | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | |
| LIDA GOOD DI DIVINITA | 0.1 | | T | | | Good or the control of the control o | | | | |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| A967, CTG, 25MM DUMMY LINKED | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2006 | 2,294 | 140.37 | JMC, ROCK ISLAND, IL | JAN 05 | C/FFP | GENERAL DYNAMICS, MARION, IL | MAR 06 | MAY 07 | YES | |
| BOX METAL M2A1 (EA) | | | | | | | | | | |
| FY 2006 | 391 | 7.67 | JMC, ROCK ISLAND, IL | JAN 08 | C/FFP | GENERAL DYNAMICS, MARION, IL | MAR 06 | MAY 07 | YES | |
| | | | | | | | | | | <u> </u> |
| A976, CTG, 25MM TP-T LINKED | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 228,510 | | JMC, ROCK ISLAND, IL | JAN 05 | C/FP | GENERAL DYNAMICS, MARION, IL | JUN 05 | DEC 05 | YES | |
| FY 2005 | 335,310 | 12.98 | | JAN 05 | C/FP | ALLIANT TECH, PLYMOUTH, MN | JUN 05 | FEB 06 | YES | |
| FY 2006 | 109,085 | 13.79 | JMC, ROCK ISLAND, IL | JAN 06 | C/FP | UNKNOWN | JUN 06 | DEC 06 | YES | |
| CONTAINER, PA125 | | | | | | | | | | |
| FY 2005 | 19,621 | 43.15 | | JAN 05 | C/OP | CONCO INC, LOUISVILLE, KY | JUN 05 | DEC 05 | YES | |
| FY 2006 | 3,796 | 45.84 | JMC, ROCK ISLAND, IL | JAN 06 | C/OP | CONCO INC, LOUISVILLE, KY | JUN 06 | DEC 06 | YES | |
| | | | | | | | | | | |
| A986, CTG, 25MM APFSDS-T, M919 | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | |
| FY 2007 | 89,397 | 104.44 | JMC, ROCK ISLAND, IL | JAN 07 | C/FFP | GENERAL DYNAMICS, MARION, IL | MAR 07 | MAR 08 | YES | |
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| Exhibit P-21, Pro | oduct | tion | Scl | hedu | le | | | | | | | | | Date | : | | | | | | | | | | | | | | | |
|--|----------|------------|--------|-------|--------|----------|---------|---------|----------|--------|----------|------|--------|--------|------|--------|---------|--------|-------|----------|--------|--------|-----------|--------|----------|-----------|----|--------|--------|----------|
| | | | | | | | | | | | | | | FEBR | UARY | 200 | 6 | | | | | | | | | | | | | |
| Appropriation Code/Bu | ıdget | Acti | vity | /Seri | al Nu | umber | : | | | | Weap | on | | P-1 | Line | Ite | m Non | nencl | atur | e: | | | | | | | | | | |
| Procurement of Ammunitic | | | | | | | | n | | | Syst | em | | (138 | 800) | DOD | IC: A | 1976, | CTG | , 251 | MM TE | -T L | INKEI | D | | | | | | |
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| Exhibit P-21, P | roduct | cion | Scl | hedu | ıle, | Con | cinu | ed | | | | | | Date | | 000 | _ | | | | | | | | | | | | | |
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| Exhibit P-40, Bu | ıdget I | Item Justi | fication | | | | Date: | | | |
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| | | | | | | | FEBRUARY 200 | 6 | | |
| Appropriation Code/E | Budget A | ctivity/Seri | al Number: | | P-1 Item Nom | menclature: | | | | |
| Procurement of Ammunit: | ion, Navy | and Marine Co | orps/2/Ammunit | ion | (142800) 9MM | I, ALL TYPES | | | | |
| Program Element for | Code B | Items: | | Other Relate | ed Program El | ements | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | А | 7.900 | 0.000 | 4.197 | 4.356 | 4.929 | 0.000 | 0.000 | | 21.382 |

Description: The Cartridge, 9mm Jacketed Hollow Point JHP (DODIC A260) ammunition is a 9mm cartridge that produces a subsonic velocity and may be used in M9 Pistols and MP5N Submachine Guns.

The Cartridge, 9mm Training-Practice Tracer (TP-T) M939 for Anti-Tank-4 (AT-4) (DODIC A358) is intended for use in the M287 Target Practice Launcher for training on the M136 (AT-4) Anti-Tank weapon. This cartridge is the only authorized ammunition for use in the M287 Target Practice Launcher. The projectile of the 9mm M939 has a tracer element which allows the user to visually observe the flight of the projectile to the point of impact.

The Cartridge, 9mm Dummy M917 (DODIC A359) is completely inert and is intended for use in weapons familiarization and maintenance of 9mm weapons. This round can be used in the M9 Service Pistol and the MP5N Submachine Gun for training. The cartridge contains neither a primer nor propellant composition.

The Cartridge, 9mm Ball M882 (DODIC A363) is intended for use against enemy personnel and for security purposes. This cartridge may be used in the M9 Service Pistol and the MP5N Submachine Gun.

The cartridge caliber .380 (DODIC A415) ammunition is used by the Commandant of the Marine Corps personal security detail.

The Cartridge, 9mm Red Marking (DODIC AA12) is utilized with the M4A1 Carbine, Sig Sauer P226 Pistol, MP5 Submachine Gun and M9 Special Effects Small Arms Marking System (SESAMS) Adapter Kits. Weapons fitted with the training adapters will operate semi or full automatic simulating live fire. The intended use for this cartridge is to provide enhanced training by allowing force-on-force training versus firing at silhouette on impact. When the projectile impacts a target, the plastic projectile sheath breaks and detergent marks the target indicating a hit.

The Cartridge, 9mm Blue Marking (DODIC AA21) is utilized with the M4A1 Carbine, Sig Sauer P226 Pistol, MP5 Submachine Gun and M9 Special Effects Small Arms Marking System (SESAMS) Adapter Kits. Weapons fitted with the training adapters will operate semi or full automatic simulating live fire. The intended use for this cartridge is to provide enhanced training by allowing force-on-force training versus firing at silhouette on impact. When the projectle impacts a target, the plastic projectile sheath breaks and detergent marks the target indicating a hit.

| Exhibit P-40, Budget It | em Jus | stificatio: | n, Continu | ıed | | | Date: | | | |
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| | | | | | | | FEBRUARY 200 | 6 | | |
| Appropriation Code/Budget Ac | tivity/ | Serial Numbe: | r: | | P-1 Item Nor | menclature: | | | | |
| Procurement of Ammunition, Navy | and Marin | ne Corps/2/Ammu | unition | | (142800) 9MM | M, ALL TYPES | | | | |
| Program Element for Code B I | tems: | | | Other Relate | ed Program E | lements | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | А | 7.900 | 0.000 | 4.197 | 4.356 | 4.929 | 0.000 | 0.000 | | 21.382 |

The Cartridge, 9mm Spotting Rifle MK212 Mod 0 (DODIC AX11) is used on the MK153 Assault Rocket Launcher (ARL)/Shoulder-Launched Multipurpose Assault Weapon (SMAW).

Weapons fitted with the M9 Special Effects Small Arms Marking System (DODIC SESAMS) Adapter Kit will operate semi or full automatic simulating live fire.
The intended use for the SESAMS is to provide enhanced simulated automatic live fire training by allowing force-on-force training versus firing at
silhouette on impact. When the round impacts a target, the plastic projectile sheath breaks and detergent marks the target indicating a hit.

The Cartridge, 9mm Ball M882 (DODIC X363) is environmentally friendly (lead free) and intended for use against enemy personnel and for security purposes. This cartridge may be used in the M9 Service Pistol and the MP5N Submachine Gun.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

| DODIC / Description | FY05 Supplemental Dollars Received |
|-------------------------|---|
| A363, Ball, M882 | 0.085 |
| Total 9mm, All Types | 0.085 |

| Exhibit P-40a, Budget Item Justif | icatio | on for Aggr | egated I | items | | | | Date: | | |
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| | | | | | | | | FEBRUARY 2 | 2006 | |
| Appropriation Code/Budget Activity/Serial | Number | : | | P-1 Item Non | nenclature | : | | | | |
| Procurement of Ammunition, Navy and Marine Corp | ps/2/Ammu | unition | | (142800) 9MN | I, ALL TYPE | ES | | | | |
| | ID | | | | | | | | То | |
| | Code | FY2005 | FY2006 | FY2007 | | | | | Complete | Total |
| A260, CTG, 9MM SUBSONIC JHP | A | 0.000 | 0.000 | 0.121 | | | | | | |
| QTY | | 0 | 0 | 930,769 | | | | | | |
| | + . | 0.000 | 0.000 | 2 225 | | | | | | |
| A358, CTG, 9MM TP-T FOR AT-4 QTY | A | 0.000 | 0.000 | 0.226 | | | | | | |
| Q11 | + | 0 | U | 332,332 | | | | | | |
| A415, CTG, CAL .380 BALL (9MM SHORT) | A | 0.000 | 0.000 | 0.004 | | | | | | |
| QTY | | 0 | 0 | 40,000 | | | | | | |
| | | 0 | Ü | 10,000 | | <u> </u> | | <u> </u> | | |
| AA12, CTG, 9MM SESAMS (RED) | A | 1.800 | 0.000 | 1.562 | | | | | | |
| QTY | † | 4,500,000 | 0 | 3,471,111 | | | | | | |
| x | | 2,000,000 | | -,, | | | | | | |
| AA21, CTG, 9MM SESAMS (BLUE) | А | 1.403 | 0.000 | 1.659 | | | | | | |
| QTY | | 3,507,500 | 0 | 3,686,666 | | | | | | |
| | | , , | | | | | | | | |
| AX11, CTG, 9MM FOR SMAW | А | 0.000 | 0.000 | 0.621 | | | | | | |
| QTY | | 0 | 0 | 266,523 | | | | | | |
| | | | | | | | | | | |
| SESM, SPC EFFECTS SMALLARMS MK SYS (SESAMS) | A | 0.134 | 0.000 | 0.000 | | | | | | |
| QTY | | 335,000 | 0 | 0 | | | | | | |
| | | | | | | | | | | |
| X363, CTG 9MM REHA | А | 0.400 | 0.000 | 0.000 | | | | | | |
| QTY | | 975,609 | 0 | 0 | | | | | | |
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| P40a Total | 1 1 | 3.737 | 0.000 | 4.193 | | | | | | |
| 1100 10001 | | 3.131 | 0.000 | 7.173 | | | | | | |

| Exhibit P-5, Cost Analysis | Weapon Sy | stem | | | Date: FEBRUARY 2 | 2006 | | | | | | |
|---|-----------|------------|----------|----------|---------------------|----------|-------|------|------|-------|-----|------|
| Appropriation Code/Budget Activity/Serial | Number: | | ID Code: | P-1 Line | Item Nome | nclature | : | | | | | |
| Procurement of Ammunition, Navy and Marine Corp | | ion | A | | 9MM, ALL | | | | | | | |
| | | FY05 | | | FY06 | | | FY07 | | | | |
| | Total | | Unit | Total | | Unit | Total | | Unit | Total | | Unit |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost |
| HARDWARE | | ~ - | | | ~ - | | | ~ 1 | | | ~ 1 | |
| A359, CTG, 9MM DUMMY | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| A363, CTG, 9MM BALL | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 3.785 | 37,845,454 | 0.10 | | | | | | | | | |
| BOX METAL M2A1 (EA) | 0.281 | 36,971 | 7.61 | | | | | | | | | |
| | | | | | | | | | | | | |
| PRODUCT | | | | | | | | | | | | |
| ACCEPTANCE TESTING | 0.001 | | | | | | | | | | | |
| PRODUCTION ENGINEERING | 0.089 | | | | | | 0.004 | | | | | |
| QUALITY ASSURANCE | 0.007 | | | | | | | | | | | |
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| TOTAL | 4.163 | <u> </u> | | 0.000 | <u> </u> | I | 0.004 | | | I | | |

| Exhibit P-5a, Procurement H | istory and | Plannin | g | | Weapon Sys | tem | Date: FEBRUARY 2 | 006 | | |
|--------------------------------|--------------|----------|----------------------|------------|------------|--------------------------------|---------------------|----------|-----------|-----------|
| Appropriation Code/Budget A | ctivity/Se | rial Num | ber: | P-1 Line I | tem Nomenc | lature: | | | | |
| Procurement of Ammunition, Nav | y and Marine | Corps/2 | /Ammunition | (142800) 9 | MM, ALL TY | PES | | | | |
| | | | | RFP | Contract | | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | Revisions |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| A363, CTG, 9MM BALL | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 37,845,454 | 0.10 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 05 | JUL 05 | YES | |
| BOX METAL M2A1 (EA) | | | | | | | | | | |
| FY 2005 | 36,971 | 7.61 | JMC, ROCK ISLAND, IL | OCT 04 | C/FP | BWAY CORP, ATLANTA, GA | MAR 05 | APR 05 | YES | |
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| ID Code FY 2005 FY 2006 FY 2 | | | | | | | Date: | | | |
|------------------------------|----------|--------------|------------|---------|---------------|--------------|--------------|---------|----------|---------|
| | | | | | | | FEBRUARY 200 | 16 | | |
| Appropriation Code/E | Budget A | ctivity/Seri | al Number: | | P-1 Item Nom | menclature: | | | | |
| Procurement of Ammunit: | <u> </u> | | | | | NADES, ALL T | YPES | | | |
| | | | | | ed Program El | ements | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | A | 10.428 | 5.245 | 16.733 | 33.850 | 30.694 | 0.399 | 0.000 | | 97.349 |

Description: The Grenade, Launcher Smoke Infrared (IR) Screening M76 (DODIC G826) is used with the M250, M239, M243 Grenade Launchers installed on tanks, AAVs, and LAVs to provide infrared and visual smoke screening for armored/tactical vehicles in combat situations. The plastic body houses the IR composition, burster, booster lead, and safe and arming (S&A) mechanism. The propellant assembly includes a pyrotechnic delay detonator, launch propellant, an electric match, and a propellant retainer with electrical contacts.

The Fuze, Hand Grenade Practice M228 (DODIC G878) is a pyrotechnic delay-igniting fuze. The fuze is used with the Grenade, Hand Practice M69 (DODIC G811). The fuze contains a primer and a pyrotechnic delay column. Assembled to the fuze is a striker, striker spring, safety lever, safety pin with pull ring, safety clip, and igniter assembly.

The Grenade, Hand Fragmentation M67 (DODIC G881) is used to supplement small arms fire against the enemy in close combat. The grenade produces casualties by high velocity projection of fragments in a uniform distribution pattern. The grenade body is a 2.5-inch diameter steel sphere containing 6.5 ounces of Composition B high explosive. This grenade is fuzed with the M213 Pyrotechnic Delay-detonating Fuze.

The Grenade, Hand Incendiary Thermite (TH-3) AN-M14 (DODIC G900) is used to provide a source of intense heat to destroy equipment. This incendiary hand grenade generates heat up to 4000° F. It is filled with an incendiary mixture, TH-3, and First-Fire Mixture VII. This grenade is fuzed with the M201A1 Pyrotechnic Delay-igniting Fuze.

The Grenade, Hand Green Smoke M18 (DODIC G940) is used for screening, marking, and signaling. Each grenade will emit smoke for 50 to 135 seconds. The body of thin sheet metal is filled with a green smoke composition and topped with a starter mixture. The M201A1 Fuze is a pyrotechnic delayigniting fuze.

The Grenade, Hand Yellow Smoke M18 (DODIC G945) is used for screening, marking, and signaling. Each grenade will emit smoke for 50 to 135 seconds. The body of thin sheet metal is filled with yellow smoke composition and topped with a starter mixture. The M201Al Fuze is a pyrotechnic delayigniting fuze.

The Grenade, Hand Smoke Violet M18 (DODIC G955) is a hand grenade used to generate violet smoke for screening, marking, and signaling. Each grenade will emit smoke for 50 to 135 seconds. The body of thin sheet metal is filled with violet smoke composition. The M201A1 Fuze is a pyrotechnic delayigniting fuze.

| Exhibit P-40, B | ID Code FY 2005 FY 2006 FY | | Continued | | | Date: | | | | |
|------------------------|------------------------------|-----------------|----------------|---------|---------------|---------------|--------------|---------|----------|---------|
| | | | | | | | FEBRUARY 200 | 16 | | |
| Appropriation Code/ | Budget A | activity/Seri | al Number: | | P-1 Item Nom | menclature: | | | | |
| Procurement of Ammunit | ion, Navy | y and Marine Co | orps/2/Ammunit | ion | (146800) GRE | ENADES, ALL T | YPES | | | |
| | | | | | ed Program El | Lements | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | А | 10.428 | 5.245 | 16.733 | 33.850 | 30.694 | 0.399 | 0.000 | | 97.349 |

The Mine, Antipersonnel Practice M68 with Accessories (DODIC K139) is used to train personnel in the handling and use of the Mine, Antipersonnel (APERS) M18A1 (DODIC K143). The DODIC K139 comes in a kit consisting of the blue M33 APERS Mine and the M10 Electrical Blasting Cap Assembly, which are completely inert, the M57 Firing Device, and the M40 Test Set. The M57 Firing Device and the M40 Test Set are the same as those issued with the M18A1.

The Mine, Antipersonnel M18A1 with M57 Firing Device (DODIC K143) is a fragmentation antipersonnel mine that contains 700 steel balls and 682 grams of composition C4 explosive. It is a command detonated mine that is activated by an electric blasting cap. The mine projects a fan shaped pattern of steel balls in a 60° arc at a height of 2 meters and cover a casualty radius of 100 meters. The mine is green in color. These accessories permit the mine to be employed, tested, and fired without any other equipment.

The Riot Control Agent, CS (DODIC K765) is a riot control agent capsule that consists of ortho-chlorobenzylidene malano-nitrile. The capsules are used to demonstrate to trainees the protection effort afforded by properly fitted chemical-biological masks, and to demonstrate to unmasked trainees the effects of CS riot control agents.

The Floating Smoke Pot (FSP) (DODIC KM03) is a new item being procured using the Foreign Comparative Test (FCT) Program. This new item, DODIC KM03, will replace older variants, HC smoke pots. This FSP is designed to screen personnel and equipment movement and will replace current systems with a non-toxic smoke payload, Red Phosphorous (RP), and enhanced fuze.

The Signal, Smoke Illumination, Marine MK124 Mod 0 (DODIC L283) is used for either day or night signaling, as appropriate, by personnel on land or sea. The signal is a one-handed operable device, intended for rescue use. This signal consists of an aluminum case that is 5.376 inches long and 1.638 inches in diameter. The case has two raised beads around its circumference on the flare (night) end. These beads positively identify the flare end, by the sense of touch, for night- time use.

The Signal, Illumination Ground Red Star Cluster M158 (DODIC L306) is a rocket propelled, fin stabilized, hand launched, nighttime/daytime signaling device. When fired vertically, the signals project to an altitude of approximately 700-800 feet and produce five illuminant "stars" that burn for 6 seconds (minimum). The signal consists of a five star illuminant assembly and a rocket motor propulsion assembly contained in a hand held aluminum launching tube.

The Signal, Illumination Ground White Star Cluster M159 (DODIC L307) is a rocket propelled, fin stabilized, hand launched, nighttime/daytime signaling device. When fired vertically, the signals project to an altitude of approximately 700-800 feet and produce five illuminant "stars" that burn for 6 seconds (minimum). The signal consists of a five star illuminant assembly and a rocket motor propulsion assembly contained in a hand held aluminum launching tube.

| Exhibit P-40, Bu | udget I | Item Justi | fication, | Continued | | | Date: | | | |
|---|------------|---------------|----------------|-----------|---------------|--------------|--------------|---------|----------------|------------------|
| | | | | | | | FEBRUARY 200 | 6 | | |
| Appropriation Code/I | Budget A | activity/Seri | al Number: | | P-1 Item Nom | menclature: | | | | |
| Procurement of Ammunit | ion, Navy | and Marine Co | orps/2/Ammunit | ion | (146800) GRE | NADES, ALL T | YPES | | | |
| rocurement of Ammunition, Navy and Marine Corps/2/Ammunition rogram Element for Code B Items: Other | | | | | ed Program El | ements | | | | |
| | ID Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | To Complete | Total Program |
| Proc Qty | code | F1 2005 | F1 2000 | F1 2007 | F1 2008 | F1 2009 | F1 2010 | F1 2011 | Complete | PIOGLAM |
| Gross Cost | A | 10.428 | 5.245 | 16.733 | 33.850 | 30.694 | 0.399 | 0.000 | | 97.349 |

The Signal, Illumination Ground White Star Parachute M127A1 (DODIC L312) is a rocket propelled, fin stabilized, hand launched, nighttime/daytime signaling device. When fired vertically, the signal projects to an altitude of approximately 700-800 feet, producing a parachute suspended star that burns for approximately 25 seconds (minimum). The M127A1 Signal consists of a parachute suspended illuminant assembly and a rocket motor propulsion assembly contained in a hand-held aluminum launching tube.

The Signal, Illumination Ground Green Star Cluster M125A1 (DODIC L314) is a rocket propelled, fin stabilized, hand launched, nighttime/daytime signaling device. When fired vertically, the signals project to an altitude of approximately 700-800 feet and produce five illuminant "stars" that burn for 6 seconds (minimum). The M125A1 Signal consists of a five star illuminant assembly and a rocket motor propulsion assembly. Stabilizing fins on the rocket are folded parallel to the axis of the signal.

The Flare, Surface Trip M49A1 (DODIC L495) consists of an illuminant assembly, cover loading assembly, and mounting bracket assembly. It is used to give warning of infiltrating Forces by illuminating the field of the advancing enemy. The waterproof cover loading assembly contains a spring-loaded striker, a percussion primer, and an intermediate charge. The mounting bracket holds the illuminant assembly in the position desired. The lever is hinged to the cover and is held in position by the safety clip when unarmed.

The Simulator, Projectile Ground Burst M115A2 (DODIC L594) is used to simulate battle noises and effects on land only (shells in flight and ground explosions) during maneuvers and personnel training. This simulator consists of a cylindrical paper tube containing a photoflash charge and a whistle assembly.

The Simulator, Explosive Booby Trap M117 Flash (DODIC L598) is used as a safe booby trap during maneuvers and in personnel training. Its purpose is to teach the installation, detection and use of booby traps, and to instill caution in troops exposed to booby traps set by an enemy. One end of the cord is covered with a friction composition; the other end is coiled and secured in the end of the body by a paper cap and a strip of tape.

| Exhibit P-40, Budget Item | n Just | ification, | Continue | d | | | Date: | | | |
|---------------------------------------|-----------|-----------------|----------|--------------|--------------|--------------|--------------|---------|----------|---------|
| | | | | | | | FEBRUARY 200 | 6 | | |
| Appropriation Code/Budget Activ | ity/Ser: | ial Number: | | | P-1 Item Nom | enclature: | | | | |
| Procurement of Ammunition, Navy and I | Marine Co | orps/2/Ammuniti | on. | | (146800) GRE | NADES, ALL T | YPES | | | |
| Program Element for Code B Items | s: | | | Other Relate | d Program El | ements | | | | |
| | | | | | | | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | A | 10.428 | 5.245 | 16.733 | 33.850 | 30.694 | 0.399 | 0.000 | | 97.349 |

The Simulator, Target Hit M25 (DODIC L709) is used to notify the gunner and crew on live-fire ranges that a target has been hit by producing a flash spray. This simulator consists of an outer plastic container with a protective cap taped to it.

The Main Gun Signature Simulator (MGSS) (DODIC LA06) cartridge is used with the Multiple Integrated Laser Engagement Simulator (MILES) 2000 system to simulate main gun, tank, and artillery fire during training. This is a newly fielded item and has a signed Limited Saftey Release for use by the Tank community.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

| DODIC / Description | FY05 Supplemental Dollars Received |
|--------------------------------------|--|
| G945, Hand Grenade, Yellow Smk | 3.184 |
| L283, MK124 Smk and Illum | 1.500 |
| G878, M228 Hand Gren Fuze | 1.216 |
| Total Grenades, All Types | 5.900 |

| Exhibit P-40a, Budget Item Justifi | catio | n for Ag | gregated | Items | | | | Date: | | |
|--|---------|----------|----------|------------|------------|----------|--|------------|------|--|
| | | | | | | | | FEBRUARY 2 | 2006 | |
| Appropriation Code/Budget Activity/Serial N | Jumber: | | | P-1 Item N | omenclatur | ·e: | | - | | |
| Procurement of Ammunition, Navy and Marine Corps | /2/Ammu | nition | | (146800) G | RENADES, A | LL TYPES | | | | |
| | ID | | | | | | | | | |
| | Code | FY2005 | FY2006 | FY2007 | | | | | | |
| G826, GRENADE, LAUNCHER SMOKE IR M76 | A | 0.039 | 0.000 | 0.637 | | | | | | |
| QTY | | 0 | 0 | 6,370 | | | | | | |
| G900, GRENADE, HAND INCENDIARY TH3 | A | 0.000 | 0.000 | 0.033 | | | | | | |
| QTY | | 0 | 0 | | | | | | | |
| | | | | | | | | | | |
| K765, RIOT CONTROL AGENT, CS CAPSULE | A | 0.001 | 0.000 | 0.000 | | | | | | |
| QTY | | 2,500 | 0 | 0 | | | | | | |
| | | | | | | | | | | |
| KM03, SMOKE POT, FLOATING RP | A | 0.170 | 0.290 | 0.307 | | | | | | |
| QTY | | 200 | 327 | 348 | | | | | | |
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| P40a Total | | 0.210 | 0.290 | 0.977 | | | | | | |

| Exhibit P-5, Cost Analysis | Weapon Sy | /stem | | | Date: FEBRUARY 2 | 006 | | | | | | |
|--|--|-----------|----------|----------|---------------------|-------|--------|-----------|--------|-------|-----|--|
| Appropriation Code/Budget Activity/Serial | Number: | - | ID Code: | P-1 Line | Item Nomer | | | | | | | |
| Procurement of Ammunition, Navy and Marine Corps | | i on | A | | GRENADES, | | S | | | | | |
| | 1 | FY05 | | (=====, | FY06 | | - | FY07 | | | | |
| | Total | | Unit | Total | | Unit | Total | - | Unit | Total | | Unit |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost |
| HARDWARE | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | |
| G878, FUZE, HAND GRENADE PRACTICE M228* | | | | | | | | | | | | |
| COMPLETE ROUND | 4.981 | 1,222,033 | 4.00 | 4.142 | 700,667 | 5.91 | 5.438 | 1,347,188 | 4.09 | | | <u> </u> |
| | | | | | | | | | | | | <u> </u> |
| G881, GRENADE, HAND FRAGMENTATION M67 | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | 2.888 | 76,810 | 37.61 | | | |
| COMP B TYPE I GRADE A (LB) | ↓ | | | | | | 0.093 | 34,560 | 2.68 | | | ┼── |
| GOAG GDDWADD WAYD GWOVE GDDDW WIG | - | | | | | | | | | | | |
| G940, GRENADE, HAND SMOKE GREEN M18 GRENADE HAND SMOKE GREEN M18 | + | | | 0.576 | 12,323 | 46.77 | 1.447 | 31,563 | 45.83 | | | + |
| GRENADE HAND SMOKE GREEN MIO | + | | | 0.576 | 12,323 | 40.77 | 1.44/ | 31,303 | 45.03 | | | + |
| G945, GRENADE, HAND SMOKE YELLOW M18 | | | | | | | | | | | | |
| GRENADE HAND SMOKE YELLOW M18 | 2.765 | 77,520 | 35.66 | | | | 0.520 | 11,690 | 44.53 | | | † |
| | | | | | | | | , | | | | † |
| G955, GRENADE, HAND SMOKE VIOLET M18 | | | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| K139, MINE KIT, APERS PRACTICE | | | | | | | | | | | | |
| LOAD, ASSEMBLY & PACK (LAP) | | | | | | | 0.114 | 371 | 308.19 | | | <u> </u> |
| BANDOLEER (EA) | | | | | | | 0.002 | 379 | 4.82 | | | |
| INERT MINI DEMOLITION SYSTEM | | | | | | | 0.010 | 371 | 26.76 | | | <u> </u> |
| | ļ | | | | | | | | | | | |
| K143, MINE, APERS (CLAYMORE) M18A1 | | | | | | | | | | | | |
| LOAD, ASSEMBLY & PACK (LAP) | | | | | | | 0.431 | 2,286 | 188.53 | | | ├ |
| BANDOLEER (EA) | + | | | | | | 0.011 | 2,332 | 4.82 | | 1 | |
| INERT MINI DEMOLITION SYSTEM | + | | | | | | 0.034 | 4,115 | 8.35 | | | + |
| L283, SIGNAL, SMOKE & ILLUM MARINE MK124 MOD 0* | + | | - | | | | | | | | | + |
| LOAD, ASSEMBLY & PACK (LAP) | 1.415 | 33,768 | 42.00 | 0.078 | 1,663 | 47.10 | | | | | | + |
| BOX METAL M2A1 (EA) | 0.015 | 1,948 | 7.56 | 0.001 | 97 | 7.17 | | | | | | \vdash |
| | 1 | | | | | | | | | | | † |
| L306, SIGNAL, ILLUM GROUND RSC M158* | | | | | | | | | | | | |
| LOAD, ASSEMBLY & PACK (LAP) | | | | | | | 0.124 | 2,647 | 46.62 | | | 1 |
| BOX METAL M548 | | | | | | | 0.003 | 1,120 | 29.18 | | | |
| | | | | | | | | | | | | |
| *UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS | | | | | | | | | | | | |
| SUB TOTAL | 9.176 | | | 4.797 | | | 11.115 | | | | | |

| Exhibit P-5, Cost Analysis | Weapon S | vst.em | | | Date: | | | | | | | |
|---|------------|--------|--|----------|------------|----------|--------|--------|-------|-------|-----|--|
| Continued | | , | | | FEBRUARY 2 | 2006 | | | | | | |
| Appropriation Code/Budget Activity/Serial | Number: | | ID Code: | D-1 Line | Item Nome | | | | | | | |
| Procurement of Ammunition, Navy and Marine Corp | | ion | A | | GRENADES, | | | | | | | |
| Flocurement of Ammunicion, Navy and Marine Corp | 3/2/Ammuni | FY05 | Α | (140000) | FY06 | ADD TITE | 10 | FY07 | | | | |
| | Total | F105 | Unit | Total | F100 | Unit | Total | 1.107 | Unit | Total | 1 | Unit |
| WBS COST ELEMENTS | Cost | 0+ | Cost | Cost | 0+ | Cost | Cost | 0+ | Cost | Cost | 0+ | Cost |
| L307, SIGNAL, ILLUM GND WS CLUSTER M159 | COSL | Qty | COSL | COSL | Qty | COSL | COSL | Qty | COSL | COSL | Qty | COSL |
| LOAD, ASSEMBLY & PACK (LAP) | | | + | | | | 0.269 | 5,802 | 46.43 | | | |
| BOX METAL M548 | | | + | | | | 0.269 | 245 | 29.18 | | | |
| OFCM LAIAM AOG | | | + | | | | 0.007 | 243 | 29.10 | | | |
| L312, SIGNAL, ILLUM GROUND WSP M127A1* | | | | | | | | | | | | |
| LOAD, ASSEMBLY & PACK (LAP) | | | | | | | 0.523 | 11,028 | 47.44 | | | |
| BOX METAL M548 | | | + | | | | 0.014 | 4,650 | 29.18 | | | |
| BON PILITAL MOTO | | | + | | | | 0.011 | 1,050 | 27.10 | | | |
| L314, SIGNAL, ILLUM GROUND GSC M125A1 | | | <u> </u> | | | | | | | | | |
| LOAD, ASSEMBLY & PACK (LAP) | | | † | | | | 0.570 | 12,341 | 46.16 | | | |
| BOX METAL M548 | | | † | | | | 0.015 | 520 | 29.18 | | | |
| BOX PETRE NO TO | | | † | | | | 0.015 | 320 | 27.10 | | | |
| L495, FLARE, SURFACE TRIP M49A1 | | | † | | | | | | | | | |
| COMPLETE ROUND | | | † | | | | 0.705 | 19,506 | 36.13 | | | |
| OOM 2212 ROOM | | | 1 | | | | 01703 | 137300 | 30.13 | | | |
| L594, SIMULATOR, PROJ GROUND BURST M115A2 | | | 1 | | | | | | | | | |
| LOAD, ASSEMBLY & PACK (LAP) | | | 1 | | | | 0.627 | 38,626 | 16.24 | | | |
| BOND, NOOLEDDY & THEK (BAY) | | | | | | | 0.027 | 30,020 | 10.21 | | | |
| L598, SIMULATOR, BOOBYTRAP FLASH M117 | | | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | 0.863 | 35,767 | 24.15 | | | |
| | | | | | | | | | | | | |
| L709, SIMULATOR, TARGET HIT M25 | | | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | 0.393 | 27,801 | 14.13 | | | |
| | | | | | | | | | | | | |
| LA06, MAIN GUN SIGNATURE SIMULATOR M30 | | | | | | | | | | | | |
| SIMULATOR, MAIN GUN SIGNATURE TANK M30 | | | | 0.072 | 14,516 | 4.96 | 0.045 | 11,111 | 4.05 | | | |
| | | | | | | | | | | | | |
| PRODUCT | | | | | | | | | | | | |
| ACCEPTANCE TESTING | 0.067 | | | 0.005 | | | | | | | | |
| PRODUCTION ENGINEERING | 0.616 | | | 0.079 | | | 0.635 | | | | | |
| QUALITY ASSURANCE | 0.004 | | | 0.002 | | | 0.014 | | | | | |
| | | | | | | | | | | | | |
| NONRECURRING | | | | | | | | | | | | |
| CONTINGENCY | 0.355 | | | | | | 0.067 | | | | | |
| GOVERNMENT FURNISHED MATERIAL | | | | | | | -0.106 | | | | | |
| | | | | | | | | | | | | |
| *UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST | | | | | | | | | | | | |
| TWO DIGITS | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| SUB TOTAL | 1.042 | | 1 | 0.158 | | | 4.641 | | | | | |
| TOTAL | 10.218 | | | 4.955 | | | 15.756 | | | | | |

| Exhibit P-5a, Procurement History | y and Pla | anning | | | Weapon Sys | stem | Date: | | | |
|---|--------------|--------|----------------------|--|--|--|--|----------|--|--|
| | | | | | | | FEBRUARY | 2006 | | |
| Appropriation Code/Budget Activity/Serial | Number: | | | P-1 Line | Item Nomen | clature: | | | | |
| Procurement of Ammunition, Navy and Marine Corp | ps/2/Ammunit | ion | | (146800) | GRENADES, | ALL TYPES | | | | |
| | | | | RFP | Contract | | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | Revisions |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| HARDWARE | | | | | | | | | | † |
| G878, FUZE, HAND GRENADE PRACTICE M228 | | | | | | | | | | 1 |
| COMPLETE ROUND | | | | | | | | | | † |
| FY 2005 | 611,019 | 4 00 | JMC, ROCK ISLAND, IL | JAN 05 | C/FFP | ALLIANT TECH SYSTEMS, KEYSER, WV | JUN 05 | AUG 07 | YES | |
| FY 2005 | 611,014 | 4.00 | | JAN 05 | C/FFP | MARTIN ELECTRONICS INDUSTRIES, PERRY, FL | JUN 05 | JUN 07 | YES | |
| FY 2006 | 350,335 | 5.91 | | JAN 06 | C/FFP | ALLIANT TECH SYSTEMS, KEYSER, WV | MAR 06 | OCT 08 | YES | † |
| FY 2006 | 350,333 | 5.91 | | JAN 06 | C/FFP | MARTIN ELECTRONICS INDUSTRIES, PERRY, FL | MAR 06 | AUG 08 | YES | |
| FY 2007 | 673,597 | 4.09 | | JAN 07 | C/FFP | ALLIANT TECH SYSTEMS, KEYSER, WV | MAR 07 | SEP 09 | YES | |
| FY 2007 | 673,591 | 4.09 | | JAN 07 | C/FFP | MARTIN ELECTRONICS INDUSTRIES, PERRY, FL | MAR 07 | MAY 09 | YES | |
| | , | | , | | | | | | | † |
| G881, GRENADE, HAND FRAGMENTATION M67 | | | 1 | | | | 1 | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | 1 |
| FY 2007 | 76,810 | 37.61 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FFP | UNKNOWN | MAR 07 | MAR 08 | NO | |
| COMP B TYPE 1 GRADE A (LB) | ., | | , | | | | | | | 1 |
| FY 2007 | 34,560 | 2.68 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FFP | UNKNOWN | MAR 07 | MAR 08 | NO | 1 |
| | | | | | | | | | | |
| G940, GRENADE, HAND SMOKE GREEN M18 | | | | | | | | | | |
| GRENADE HAND SMOKE GREEN M18 | | | | | | | | | | |
| FY 2006 | 12,323 | 46.77 | JMC, ROCK ISLAND, IL | JAN 06 | SS/FP | PINE BLUFF ARSENAL, PINE BLUFF, AR | MAR 06 | APR 07 | YES | |
| FY 2007 | 31,563 | 45.83 | JMC, ROCK ISLAND, IL | JAN 07 | SS/FP | PINE BLUFF ARSENAL, PINE BLUFF, AR | MAR 07 | APR 08 | YES | |
| | | | | | | | | | | |
| G945, GRENADE, HAND SMOKE YELLOW M18 | | | | | | | | | | |
| GRENADE HAND SMOKE GREEN M18 | | | | | | | | | | |
| FY 2005 | 77,520 | 35.66 | JMC, ROCK ISLAND, IL | JAN 05 | SS/FP | PINE BLUFF ARSENAL, PINE BLUFF, AR | MAR 05 | APR 06 | YES | |
| FY 2007 | 11,690 | 44.53 | JMC, ROCK ISLAND, IL | JAN 07 | SS/FP | PINE BLUFF ARSENAL, PINE BLUFF, AR | MAR 07 | APR 08 | YES | |
| | | | | | | | | | | |
| K139, MINE KIT, APERS PRACTICE | | | | | | | | | | |
| LOAD, ASSEMBLY & PACK (LAP) | | | | | | | | | | |
| FY 2007 | 371 | 308.19 | JMC, ROCK ISLAND, IL | UNKNOWN | C/OP | SPECTRA TECHNOLOGIES, EAST CAMDEN, AR | DEC 06 | MAR 08 | YES | |
| BANDOLEER (EA) | | | | | | | | | | |
| FY 2007 | 379 | N/A | JMC, ROCK ISLAND, IL | UNKNOWN | NA / NA | STOCK ISSUE | DEC 06 | MAR 08 | YES | |
| INERT MINI DEMOLITION SYSTEM | | | | | | | | | | |
| FY 2007 | 371 | 26.76 | JMC, ROCK ISLAND, IL | UNKNOWN | C/OP | SPECTRA TECHNOLOGIES, EAST CAMDEN, AR | DEC 06 | MAR 08 | YES | |
| | | | | | | | | | | |
| K143, MINE, APERS (CLAYMORE) M18A1 | | | | | | | | | | ļ |
| LOAD, ASSEMBLY & PACK (LAP) | | | | | | | | | | |
| FY 2007 | 2,286 | 188.53 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FP | UNKNOWN | MAR 07 | MAR 08 | YES | ļ |
| BANDOLEER (EA) | | | | | | | <u> </u> | ļ | 1 | |
| FY 2007 | 2,332 | N/A | JMC, ROCK ISLAND, IL | UNKNOWN | N/A | STOCK ISSUE | MAR 07 | MAR 08 | NO | |
| COMP C-4 CLASS 3 (LB) | | | 1 | ļ | 1 | | ļ . | ļ . | 1 | 1 |
| FY 2007 | 4,115 | 8.35 | JMC, ROCK ISLAND, IL | UNKNOWN | SS/FP | BAE HOLSTON AAP KINGSPORT, TN | MAR 07 | MAR 08 | YES | |
| | | | 1 | - | 1 | | 1 | 1 | 1 | 1 |
| L283, SIGNAL, SMOKE & ILLUM MARINE MK124 MOD 0 | | | 1 | | | | | - | | |
| LOAD, ASSEMBLY & PACK (LAP) | 22 55 | 40.00 | THE DOOR TOTAL | T337 05 | 0.100 | DVDOMBAUNTAG ABAYBTMY TVG TVDOV 5 | 7777 0.5 | TTTT 0.5 | ye o | |
| FY 2005 | 33,768 | 42.00 | | JAN 05 | C/OP | PYROTECHNICS SECURITY INC. BYRON, GA | JUL 05 | JUL 06 | YES | <u> </u> |
| FY 2006 | 1,663 | 47.10 | JMC, ROCK ISLAND, IL | OCT 05 | C/OP | PYROTECHNICS SECURITY INC. BYRON, GA | MAR 06 | JUL 07 | YES | |
| BOX, METAL M2A1 FY 2005 | 1 040 | 7.56 | THE DOCK TOTAND TO | MAD 05 | G (FP | DVAV GODDODITON AIR ANTA GA | OPP 05 | 7777 0.5 | VIDO | |
| | 1,948 | 7.56 | | MAR 05 | C/FP | BWAY CORPORTION ATLANTA, GA | SEP 05 | JUL 06 | YES | |
| FY 2006 | 97 | 7.17 | JMC, ROCK ISLAND, IL | SEP 05 | C/FP | UNKNOWN | MAR 06 | JUL 07 | YES | |

| LOAD, ASSEMBLY & PACK (LAP) FY 2007 11,028 47.44 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 4,650 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 JAN 08 YES L314, SIGNAL, ILLUM GROUND GSC M125A1 LOAD, ASSEMBLY & PACK (LAP) FY 2007 12,341 46.16 JMC, ROCK ISLAND, IL UNKNOWN C/OP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 520 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES L495, FLARE, SURFACE TRIP M49A1 COMPLETE ROUND COMPLETE ROUND | Exhibit P-5a, Procurement Hist | ory and | l Planr | ning | | Weapon | System | Date: | 2006 | | |
|--|--|-----------|-----------|----------------------|--------------|----------|--|----------|----------|--------|-----------|
| ### Proprint of Assemblition, Navy and Marine Corpe/2/Assemblition | Appropriation Code/Dudget Activity/Co | niol Numl | | | D 1 Tim | T town N | omonglotumo: | FEBRUARY | 2006 | | |
| ## CONTRACT CONTRACT | | | | | | | | | | | |
| Unit Cost to Standar, LILLIN GROUND RSC MISS QLY Cost to Standar, LILLIN GROUND RSC MISS LOAD, ASSEMBLY & PACK (LAP) 2.647 46.62 MM., ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES DOX, METAL MS48 PY 2007 1,120 29.18 MM., ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 WES DOX, RIFTAL MS48 PY 2007 5,802 46.43 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 WES DOX, RIFTAL MS48 PY 2007 5,802 46.43 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 WES DOX, RIFTAL MS48 PY 2007 5,802 46.43 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 WES DOX, METAL MS48 PY 2007 5,802 46.43 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 WES DOX, METAL MS48 PY 2007 245 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 WES DOX, METAL MS48 PY 2007 245 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 WES DOX, METAL MS48 PY 2007 4,660 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 JAN 08 WES DOX, METAL MS48 PY 2007 4,660 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 JAN 08 WES DOX, METAL MS48 PY 2007 4,660 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 WES DOX, METAL MS48 PY 2007 4,660 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 WES DOX, METAL MS48 PY 2007 4,660 MM 200 MM | Procurement of Ammunition, Navy and Marine | Corps/2/A | mmurittor | 1 | | | 1 | | D-+5 | m D-+- | D-+- |
| MBS COST ELEMENTS Qty Cost Location of PCO Date and Type Contractor and Location Date Delivery Now? Available Lide. SIGNAL, ILLIM GROUND RSC MISS | | | | | | | | | | | |
| L306, SIGNAL, ILLUM GROUND RSC M158 LODY, ASSEMBLY & FACK (LAP) 2,647 | | | | | | | | | | | |
| LOAD, ASSEMBLY & PACK (LAF) PV 2007 2,647 46.62 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES SEX, METAL M548 FY 2007 1,120 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 NO L307, SIGNAL, ILLUM GND WS CLUSTER M159 LOAD, ASSEMBLY & PACK (LAF) FY 2007 5,802 46.43 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES REAL MAR 07 MAR 08 YES SEX DEPARTMENT OF THE PACK (LAF) LOAD, ASSEMBLY & PACK (LAF) FY 2007 245 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES LOAD, ASSEMBLY & PACK (LAF) FY 2007 11,028 47.44 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 4,650 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 JAN 08 YES BOX, METAL M548 FY 2007 4,650 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 JAN 08 YES LOAD, ASSEMBLY & PACK (LAF) FY 2007 4,650 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 JAN 08 YES LOAD, ASSEMBLY & PACK (LAF) FY 2007 520 29.18 JMC, ROCK ISLAND, IL UNKNOWN C/OP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES LOAD, ASSEMBLY & PACK (LAF) FY 2007 520 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES LOAD, ASSEMBLY & PACK (LAF) FY 2007 520 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES LAFE, FLARE, SURPACE TEIP M49A1 COMPLETE ROUND | | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| FY 2007 | | | | | | | | | | | |
| BOX, METAL M548 FY 2007 1,120 29,18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 NO L307, SIGNAL, ILLUM GHD WS CLUSTER W159 L0AD, ASSEMBLY & PACK (LAP) FY 2007 245 29,18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES L312, SIGNAL, ILLUM GROUND WSP M127A1 L0AD, ASSEMBLY & PACK (LAP) FY 2007 11,028 47,44 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES L312, SIGNAL, ILLUM GROUND WSP M127A1 L0AD, ASSEMBLY & PACK (LAP) FY 2007 11,028 47,44 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES SOX, METAL M548 FY 2007 4,650 29,18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 JAN 08 YES L314, SIGNAL, ILLUM GROUND GSC M125A1 LOAD, ASSEMBLY & PACK (LAP) FY 2007 12,341 46,16 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 JAN 08 YES L0AD, ASSEMBLY & PACK (LAP) FY 2007 12,341 46,16 JMC, ROCK ISLAND, IL UNKNOWN C/OP SECURITY SIGNALS, CORDOVA, TN MAR 07 JAN 08 YES LOAD, ASSEMBLY & PACK (LAP) FY 2007 500, MSTAL M548 FY 2007 500, | | | | | | | | | | | |
| FY 2007 | | 2,647 | 46.62 | JMC, ROCK ISLAND, II | UNKNOWN | SS/FP | SECURITY SIGNALS, CORDOVA, TN | MAR 07 | MAR 08 | YES | |
| LOAD, ASSEMBLY & FACK (LAP) 5,802 46.43 JMC, ROCK ISLAND, IL UNKNOWN SS/FF SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES 80X, METAL M548 FY 2007 245 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FF CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES L312, SIGNAL, ILLUM GROUND WSP M127A1 LOAD, ASSEMBLY & FACK (LAP) FY 2007 11,028 47.44 JMC, ROCK ISLAND, IL UNKNOWN SS/FF SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES 80X, METAL M548 FY 2007 4,650 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FF CONCO INC. LOUISVILLE, KY MAR 07 JAN 08 YES L314, SIGNAL, ILLUM GROUND GSC M125A1 LOAD, ASSEMBLY & FACK (LAP) FY 2007 4,650 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FF CONCO INC. LOUISVILLE, KY MAR 07 JAN 08 YES L314, SIGNAL, ILLUM GROUND GSC M125A1 LOAD, ASSEMBLY & FACK (LAP) FY 2007 12,341 46.16 JMC, ROCK ISLAND, IL UNKNOWN C/OP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 12,341 46.16 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 12,341 46.16 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES L495, FLARE, SURFACE TRIP M49A1 COMPLETE ROUND | | | | | | | | | | | |
| LOAD, ASSEMBLY & PACK (LAP) FY 2007 5,802 46.43 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 245 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES L312, SIGNAL, ILLUM GROUND MSP M127A1 LOAD, ASSEMBLY & PACK (LAP) BOX, METAL M548 FY 2007 4,650 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES L314, SIGNAL, ILLUM GROUND GSC M125A1 LADA, ASSEMBLY & PACK (LAP) FY 2007 12,341 46.16 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 JAN 08 YES BOX, METAL M548 FY 2007 12,341 46.16 JMC, ROCK ISLAND, IL UNKNOWN C/OP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 520 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 520 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES L495, FLARE, SURFACE TRIP M49A1 COMPLETE ROUND | FY 2007 | 1,120 | 29.18 | JMC, ROCK ISLAND, II | UNKNOWN | SS/FP | CONCO INC. LOUISVILLE, KY | MAR 07 | MAR 08 | NO | |
| LOAD, ASSEMBLY & PACK (LAP) FY 2007 5,802 46.43 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 245 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES L312, SIGNAL, ILLUM GROUND MSP M127A1 LOAD, ASSEMBLY & PACK (LAP) BOX, METAL M548 FY 2007 4,650 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES L314, SIGNAL, ILLUM GROUND GSC M125A1 LADA, ASSEMBLY & PACK (LAP) FY 2007 12,341 46.16 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 JAN 08 YES BOX, METAL M548 FY 2007 12,341 46.16 JMC, ROCK ISLAND, IL UNKNOWN C/OP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 520 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 520 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES L495, FLARE, SURFACE TRIP M49A1 COMPLETE ROUND | | | | | - | | | | | | |
| FY 2007 5,802 46.43 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 245 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES L312, SIGNAL, ILLUM GROUND WSP M127A1 LOAD, ASSEMBLY & PACK (LAP) FY 2007 11,028 47.44 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 4,650 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 JAN 08 YES L314, SIGNAL, ILLUM GROUND GSC M125A1 LOAD, ASSEMBLY & PACK (LAP) FY 2007 12,341 46.16 JMC, ROCK ISLAND, IL UNKNOWN C/OP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 29.18 JMC, ROCK ISLAND, IL UNKNOWN C/OP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES L495, FLARE, SURFACE TRIP M49A1 COMPLETE ROUND | | | | | | | | | | | |
| BOX, METAL M548 FY 2007 245 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES L312, SIGNAL, ILLUM GROUND WSP M127A1 LOAD, ASSEMBLY & PACK (LAP) FY 2007 11,028 47.44 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 4,650 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 JAN 08 YES L314, SIGNAL, ILLUM GROUND GSC M125A1 LOAD, ASSEMBLY & PACK (LAP) FY 2007 12,341 46.16 JMC, ROCK ISLAND, IL UNKNOWN C/OP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 520 29.18 JMC, ROCK ISLAND, IL UNKNOWN C/OP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES L314, SIGNAL, ILLUM GROUND GSC M125A1 LOAD, ASSEMBLY & PACK (LAP) FY 2007 520 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES L495, FLARE, SURFACE TRIP M49A1 COMPLETE ROUND | | | | | | | | | | | |
| ### 2007 | | 5,802 | 46.43 | JMC, ROCK ISLAND, II | UNKNOWN | SS/FP | SECURITY SIGNALS, CORDOVA, TN | MAR 07 | MAR 08 | YES | |
| L312, SIGNAL, ILLUM GROUND WSP M127A1 LOAD, ASSEMBLY & PACK (LAP) FY 2007 11,028 47.44 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 4,650 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 JAN 08 YES L314, SIGNAL, ILLUM GROUND GSC M125A1 LOAD, ASSEMBLY & PACK (LAP) FY 2007 12,341 46.16 JMC, ROCK ISLAND, IL UNKNOWN C/OP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES L495, FLARE, SURFACE TRIP M49A1 COMPLETE ROUND | | | | | | | | | | | |
| LOAD, ASSEMBLY & PACK (LAP) FY 2007 11,028 47.44 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 4,650 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 JAN 08 YES L314, SIGNAL, ILLUM GROUND GSC M125A1 LOAD, ASSEMBLY & PACK (LAP) FY 2007 12,341 46.16 JMC, ROCK ISLAND, IL UNKNOWN C/OP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 520 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES L495, FLARE, SURFACE TRIP M49A1 COMPLETE ROUND COMPLETE ROUND | FY 2007 | 245 | 29.18 | JMC, ROCK ISLAND, II | UNKNOWN | SS/FP | CONCO INC. LOUISVILLE, KY | MAR 07 | MAR 08 | YES | |
| LOAD, ASSEMBLY & PACK (LAP) FY 2007 11,028 47.44 JMC, ROCK ISLAND, IL UNKNOWN SS/FP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 4,650 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 JAN 08 YES L314, SIGNAL, ILLUM GROUND GSC M125A1 LOAD, ASSEMBLY & PACK (LAP) FY 2007 12,341 46.16 JMC, ROCK ISLAND, IL UNKNOWN C/OP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 520 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES L495, FLARE, SURFACE TRIP M49A1 COMPLETE ROUND COMPLETE ROUND | | | | | | | | | | | |
| ### 11,028 | L312, SIGNAL, ILLUM GROUND WSP M127A1 | | | | - | | | | | | |
| BOX, METAL M548 FY 2007 4,650 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 JAN 08 YES L314, SIGNAL, ILLUM GROUND GSC M125A1 LOAD, ASSEMBLY & PACK (LAP) FY 2007 12,341 46.16 JMC, ROCK ISLAND, IL UNKNOWN C/OP SECURITY SIGNALS, CORDOVA, TN MAR 07 MAR 08 YES BOX, METAL M548 FY 2007 520 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES L495, FLARE, SURFACE TRIP M49A1 COMPLETE ROUND | LOAD, ASSEMBLY & PACK (LAP) | | | | | | | | | | |
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| BOX, METAL M548 FY 2007 520 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES L495, FLARE, SURFACE TRIP M49A1 COMPLETE ROUND | LOAD, ASSEMBLY & PACK (LAP) | | | | | | | | | | |
| FY 2007 520 29.18 JMC, ROCK ISLAND, IL UNKNOWN SS/FP CONCO INC. LOUISVILLE, KY MAR 07 MAR 08 YES L495, FLARE, SURFACE TRIP M49A1 | FY 2007 | 12,341 | 46.16 | JMC, ROCK ISLAND, II | UNKNOWN | C/OP | SECURITY SIGNALS, CORDOVA, TN | MAR 07 | MAR 08 | YES | |
| L495, FLARE, SURFACE TRIP M49A1 COMPLETE ROUND | BOX, METAL M548 | | | | | | | | | | |
| COMPLETE ROUND | FY 2007 | 520 | 29.18 | JMC, ROCK ISLAND, II | UNKNOWN | SS/FP | CONCO INC. LOUISVILLE, KY | MAR 07 | MAR 08 | YES | |
| COMPLETE ROUND | | | | | | | | | | | |
| | L495, FLARE, SURFACE TRIP M49A1 | | | | | | | | | | |
| FY 2007 19,506 36.13 JMC, ROCK ISLAND, IL UNKNOWN C/OP MARTIN ELECTRONICS INDUSTRIES, PERRY, FI MAR 07 MAY 08 YES | COMPLETE ROUND | | | | | | | | | | |
| | FY 2007 | 19,506 | 36.13 | JMC, ROCK ISLAND, II | UNKNOWN | C/OP | MARTIN ELECTRONICS INDUSTRIES, PERRY, F. | MAR 07 | MAY 08 | YES | |
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| Exhibit P-5a, Procurement Hist | ory and | l Planr | ning | | Weapon S | System | Date: | | | |
|--|------------|---------|----------------------|----------|----------|-------------------------------|----------|----------|-----------|-----------|
| | | | | | | | FEBRUARY | 2006 | | |
| Appropriation Code/Budget Activity/Ser | ial Numbe | er: | | P-1 Line | Item No | menclature: | | | | |
| Procurement of Ammunition, Navy and Marine C | orps/2/Amm | unition | | (146800) | GRENADE | S, ALL TYPES | | | | |
| | | | | RFP | Contract | | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | Revisions |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| L594, SIMULATOR, PROJ GROUND BURST M115A2 | | | | | | | | | | |
| LOAD, ASSEMBLY & PACK (LAP) | | | | | | | | | | |
| FY 2007 | 38,626 | 16.24 | JMC, ROCK ISLAND, IL | UNKNOWN | C/OP | GRUCCI FIREWORKS, RADFORD, VA | DEC 06 | JUL 07 | YES | |
| | | | | | | | | | | |
| L598, SIMULATOR, BOOBYTRAP FLASH M117 | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | |
| FY 2007 | 35,767 | 24.15 | JMC, ROCK ISLAND, IL | UNKNOWN | C/OP | UNKNOWN | UNKNOWN | MAY 08 | YES | |
| | | | | | | | | | | |
| L709, SIMULATOR, TARGET HIT M25 | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | |
| FY 2007 | 27,801 | 14.13 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FP | UNKNOWN | MAR 07 | DEC 07 | YES | |
| | | | | | | | | | | |
| LA06, MAIN GUN SIGNATURE SIMULATOR M30 | | | | | | | | | | |
| SIMULATOR, MAIN GUN SIGNATURE TANK M30 | | | | | | | | | | |
| FY 2006 | 14,516 | 4.96 | JMC, ROCK ISLAND, IL | JAN 06 | C/FFP | DIEHL MFG, NUREMBERG, GE | MAR 06 | SEP 06 | YES | |
| FY 2007 | 11,111 | 4.05 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FFP | DIEHL MFG, NUREMBERG, GE | DEC 06 | JUN 07 | YES | |
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| Exhibit P-21, P | roduc | tion | Sch | edul | е | | | | | | | | | Date | | | | | | | | | | | | | | | | |
|------------------------|--------------|---|---|-----------|---------|--------|---------|----|------|--------|-------|-----|----------|------|-------|------|-----|--------|-------|----------|----------|--|----------|----------|--|----------|------------|---------------|------|------|
| | | | | | | | | | | | | | | | UARY | | | | | | | | | | | | | | | |
| Appropriation Code/ | Budget | Acti | Activity/Serial Number: v and Marine Corps/2/Ammunition | | | | | | | | Weap | on | | | | | | mencl | | | | | | | | | | | | |
| Procurement of Ammunit | ion, Na | vy and | y and Marine Corps/2/Ammunition | | | | | | | | Syst | em | | (146 | 800) | DOD: | | | | ZE, H | | | ADE I | PRACT | CICE | M228 | | | | |
| | | | Manufacturer's Name | | | | | | | DUCT | ION R | ATE | | | | | I | PROCUE | REMEN | T LEA | DTIME | S | | | | | | | | |
| | | Manuf | acture | er's Na | ame | | | | | | | | | | Prior | to | | After | | | ial M | fg | | der M | fg | | | Unit | of | |
| Item | | | ocatio | M | SR | EC | ON | M | AX | Oct : | L | | Oct : | 1 | | PLT | | | PLT | | | Tota | 1 | Measu | ure | | | | | |
| 2070 | | 1 ALL | IANT T | TECH S | | ^ | | 26 | | 38 | | _ | | | 8 | | | 26 | | | 2.1 | | _ | 34 | | ., | | | | |
| G878 | | | TIN EL | EGEDO | NITGG T | | 2 | • | 26 | • | 38 | | 6 | | | 8 | | | 26 | | | 31 | | - | 34 | ₩ | M | | | |
| | | PERRY | | JEC I ROI | NICS I | NDUSIK | IES, | | 2 | _ | 26 | | 38 | | 6 | | | 8 | | | 24 | | | 29 | | 3 | 32 | | M | |
| | | | IANT T | TECH S | | | | | | | | | | | | | | | | | | | | | — | | | | | |
| | | WV | | | | | | | 2 | | 26 | | 38 | | 6 | | | 5 | | | | | | 31 | | 3 | 36 | | М | |
| | | | 4 MARTIN ELECTRONICS INDUSTRIES, PERRY, FL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | PERRY, FL 5 ALLIANT TECH SYSTEMS, KEYSER, | | | | | | | 2 | | 26 | | 38 | | 6 | | | 5 | | | | | | 29 | | 3 | 34 | — | M | |
| | | 5 ALL WV | IANT T | rech s | YSTEMS | , KEYS | ER, | | 2 | | 26 | | 38 | | 6 | | | 5 | | | | | | 30 | | | 35 | | М | |
| | | | TIN EL | ECTRO | NICS T | NDUSTR | TES | | 4 | | ۷. | | ٥٥ | | U | | | 5 | | 1 | | | | 30 | | | , , | \vdash | IM | |
| | | PERRY | | | | 20011 | | | 2 | | 26 | | 38 | | 6 | | | 5 | | | | | | 26 | | 3 | 31 | | M | |
| | | | | | | Fisca | al Year | r | | 2005 | | | | | | | | Fisc | cal Y | ear | | 2006 | | | | | | | | |
| | | | | | | | | | Cale | ndar ' | Year | | 2005 | | | | | | | | Cale | ndar | Year | | 2006 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | F | M | A | М | J | J | A | S | 0 | N | D | J | F | М | A | М | J | J | A | S | В |
| | F | V | T | E | A | C | 0 | E | A | E | A | P | A | U | U | U | E | С | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Y | С | Y | L | L | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | С | N | В | R | R | Y | N | L | G | P | L |
| G878 | 2005 | MC1 | .61 | 0 | .61 | | | | | | | | | A | | | | | | | | | | | | | — | — — | | 0.61 |
| | 2005 | MC2 | .61 | 0 | .61 | | | | | | | | | A | | | | | | | | ļ | | - | - | - | ₩ | $+\!-\!\!\!-$ | - | 0.61 |
| | 2006 | | .35 | 0 | .35 | | | | | | | | | | | | | | | | | | A | | | | ├ ─ | + | | 0.35 |
| | 2006 2007 | MC4 | . 67 | 0 | . 67 | | | | | | | | | | | | | | | | | | A | | | | ₩ | \vdash | | 0.67 |
| | 2007 | MC5 MC6 | .67 | 0 | .67 | | | | | | | | | | | | | | | | | | | | | | ₩ | \vdash | | 0.67 |
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| | | | | | | 1100 | a1 100. | - | Cale | ndar ' | Year | | 2007 | | | | | 1100 | Jul 1 | car | Cale | ndar | | | 2008 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | F | М | A | М | J | J | A | S | 0 | N | D | J | F | М | A | М | J | J | A | S | В |
| | F | v | Т | E | A | C | 0 | E | A | E | A | P | A | U | U | U | E | C | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Υ | С | Y | L | L | T | V | С | N | В | R | R | Y | N | L | G | P | Т | V | С | N | В | R | R | Y | N | L | G | P | L |
| G878 | 2005 | MC1 | .61 | 0 | .61 | | | | | | | | | | | 0.20 | | 0.13 | | . | | | | | <u> </u> | | ↓ | ↓ ' | | (|
| | 2005 | MC2 | .61 | 0 | .61 | | | | | | ļ | | | 0.17 | 0.17 | 0.17 | .10 | | | | | ļ | <u> </u> | ļ | <u> </u> | ļ | ↓ | ↓ ' | | (|
| | 2006 | MC3 | .35 | 0 | .35 | | | | | | | | | | | | | | | | | | | | | | ↓ | ₩' | | 0.35 |
| | 2006 | MC4 | .35 | 0 | .35 | | | | | | | | | | | | | | | | | <u> </u> | | | | | — | 0.13 | 0.22 | + |
| | 2007 | MC5 | .67 | 0 | .67 | | | | | | A | | | | | | | | | <u> </u> | | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | — | ₩' | | 0.67 |
| | 2007 | MC6 | .67 | 0 | .67 | | | | | | A | | <u> </u> | | | | | | | ! | <u> </u> | ! | <u> </u> | <u> </u> | | <u> </u> | ₩ | ₩ | ļ | 0.67 |
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| Exhibit P-21, Pro | duct | tion | Sc] | hedı | ıle, | Coi | ntin | ued | | | | | | Date | : | | | | | | | | | | | | | | | |
|---------------------------|----------|--------|----------------|----------|--------|----------|----------|--------|----------|--------|----------|----------|--------|-------|----------|----------|----------|--------|--------|----------|--------|----------|----------|----------|----------|----------|----------|----------|----------|------------|
| | | | | | | | | | | | | | | FEBF | RUARY | 200 | 16 | | | | | | | | | | | | | |
| Appropriation Code/Bu | dget | Acti | ivity | /Ser | ial | Numbe | er: | | | | Wear | on | | P-1 | Line | e Ite | m Noi | mencl | latur | e: | | | | | | | | | | |
| Procurement of Ammunition | n, Nav | vy an | d Mar | ine C | orps/ | 2/Amm | uniti | on | | | Syst | em | | (146 | 800) | DOD | IC: (| G878, | , FUZ | ΣE, Η | AND (| GRENA | ADE E | PRACT | CICE | M228 | | | | |
| | | | | | | | | | PR | ODUCT | ION R | ATE | | | | | 1 | PROCUI | REMEN | T LEA | DTIME | S | | | | | | | | |
| | | Manu | factu: | rer's | Name | : | | | | | | | | ALT I | Prior | to | ALT . | After | | Init: | ial M | fg | Reor | der M | fg | | | Unit | of | |
| Item | | and : | Locat | ion | | | | М | SR | E | CON | M. | AX | Oct : | 1 | | Oct | 1 | | PLT | | | PLT | | | Tota | 1 | Meas | ure | |
| | | 1 AL | LIANT | TECH | SYST | EMS, | | | | | | | | | | | | | | | | | | | | | | | | |
| G878 | | _ | ER, W | | | | | | . 2 | | 26 | | 38 | | 6 | | | 8 | | | 26 | | | 31 | | | 34 | | M | |
| | | | RTIN I | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | _ | STRIE | | | | | | . 2 | | 26 | | 38 | | 6 | | | 8 | | | 24 | | | 29 | | | 32 | | M | |
| | | | LIANT ER, W | | SYST | EMS, | | | . 2 | | 26 | | 38 | | 6 | | | 5 | | | | | | 31 | | | 36 | | М | |
| | | _ | RTIN I | | RONTO | 'S | | | . 2 | - | 20 | | 50 | | - | | | | | | | | | 31 | | <u> </u> | 50 | | 1.1 | |
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| | | | ER, W | | | | | | . 2 | | 26 | | 38 | | 6 | | | 5 | | | | | | 30 | | | 35 | | M | |
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| | | INDU | STRIE | S, PE | KRΥ, | _ | | | . 2 | | 26 | <u> </u> | 38 | | 6 | | I | 5 | | <u> </u> | | 0077 | <u> </u> | 26 | | | 31 | I | M | |
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| G878 | 2005 | MC1 | .61 | | - 0 | | | Ť | | | | | | | | | Ħ | | | | | | | | | | | Ť | | - 0 |
| | 2005 | | .61 | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | 2006 | _ | .35 | | . 35 | 0.30 | 0.05 | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | - | _ | .35 | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | 2007 | MC5 | .67 | | .67 | | | | | | | | | | | | 0.23 | 0.30 | 0.14 | | | | | | | | | | | 0 |
| | 2007 | MC6 | .67 | | .67 | | | | | | | | 0.02 | 0.25 | 0.25 | 0.15 | _ | | | | | | | | | | | | | 0 |
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| | | | | | | Fis | cal Y | ear | | 2011 | | | | | | | | Fis | cal Y | ear | | 2012 | | | | | | | | |
| | | | | | | | | | Cale | ndar | Year | | 2011 | | | | | | | | Cale | ndar ' | Year | | 2012 | | | | | |
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| | F | V | т | E | A | C | 0 | E | A | E | A | P | A | U | U | U | E | С | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Υ | С | Y | L | L | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
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| REMARKS: THIS DOES NOT R | EFLEC' | THE | ARMY | 'S BU | YS WH | IICH M | IAKE U | JP TH | E CON | TRACT | OR'S | 1-8-5 | PROD | UCTIC | N RAT | res. | | | | | | | | | | | | | | |

| Exhibit P-40, Budget Ite | em Justificat | cion | | | | | Date: | | | |
|------------------------------------|--------------------|-------------|---------|--------------|---------------|--------------|--------------|---------|----------|---------|
| | | | | | | | FEBRUARY 200 | 6 | | |
| Appropriation Code/Budget Acti | vity/Serial Num | ber: | | | P-1 Item Nom | enclature: | | | | |
| Procurement of Ammunition, Navy ar | nd Marine Corps/2/ | 'Ammunition | | | (147100) ROC | KETS, ALL TY | PES | | | |
| Program Element for Code B Ite | ems: | | | Other Relate | d Program Ele | ements | | | | |
| | | | | | | | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | А | 22.516 | 7.175 | 10.201 | 2.131 | 0.000 | 0.000 | 0.000 | | 42.023 |

Description: The Cartridge and Launcher, 84mm M136 AT-4 (DODIC C995) is mainly employed against armored personnel carriers. However, it can be used against battle tanks when fired at the flanks or rear. It can also be employed as an assault weapon against bunkers, field fortifications, and other hard-point positions. Issued as one round of ammunition, the AT-4 tactical round is a self-contained, lightweight, disposable weapon.

The M72AS Trainer Rocket (DODIC HA21) is a 21mm Sub-Caliber practice rocket that fully simulates the M72A7 Tactical Rocket. The Trainer Rocket is used with the M72AS Trainer Launcher (E5002VIIB) which is the same tube as the Tactical Rocket but contains an insert for use with the 21mm sub-caliber munition.

The M72A7 Tactical Rocket, High Explosive, (DODIC HA29) is a lightweight, single shot, disposable weapon optimized to defeat lightly armored vehicles and other hard targets at close combat ranges.

The SMAW Novel Explosive (DODIC HA34) round consists of an Encased Assault Rocket (EAR) with a Novel Explosive (thermobaric) warhead. The SMAW-NE is issued as a round of ammunition for firing from the reusable MK 153 launcher.

The Rocket, 83mm Assault MK3 Mod 0 (SMAW) (DODIC HX05) is designed especially for use against reinforced concrete, sandbag and timber bunkers, brick and block walls, and lightly armored vehicles.

The Rocket, 83mm High-Explosive Anti-Armor (HEAA) MK6 Mod 0 (SMAW) (DODIC HX06) is designed especially for use against main battle tanks and other armored vehicles. The rocket is an unguided, high explosive anti-armor rocket contained in a disposable one-shot rocket container.

The M72A7 Tactical Rocket, High Explosive, (DODIC PLAR) is a lightweight, single shot, disposable weapon optimized to defeat lightly armored vehicles and other hard targets at close combat ranges.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

*FY06 funding includes Congressional Adds of \$2.8M for SMAW, NE Ammunition, \$1.0M for SMAW, High Explosive Dual Purpose (HEDP) Ammunition and \$3.4M for M72A7 Lightweight Attack Weapon System (LAW).

| DODIC / Description | FY05 Supplemental Dollars Received |
|--------------------------------|---|
| HA21, LAW TRN RKT | 0.252 |
| HA29, LAW HE W/GRAZE | 2.514 |
| Total Rockets, All Types | 2.766 |

| Exhibit P-40a, Budget Item Justif: | icati | on for A | ggregate | d Items | | | | Date: | | |
|--|------------|----------|----------|------------|------------|---------|------|------------|----------------|-------|
| | | | | | | | | FEBRUARY 2 | 2006 | |
| Appropriation Code/Budget Activity/Serial | Number | :: | | P-1 Item N | omenclatur | e: | | | | |
| Procurement of Ammunition, Navy and Marine Corps | /2/Ammu | nition | | (147100) R | OCKETS, AL | L TYPES | | _ | | |
| | ID Code | FY2005 | FY2006 | FY2007 | | | | | To Complete | Total |
| C995, ROCKET, 84MM HEAA (AT-4) | A | 0.668 | 0.000 | 0.000 | | | | | COMPICEC | 10041 |
| QTY | | 355 | 0 | 0 | | | | | | |
| | | | | | | | | | | |
| HA21, ROCKET, TRAINER M72AS 21MM | А | 0.502 | 0.000 | 0.000 | | | | | | |
| QTY | | 10,048 | 0 | 0 | | | | | | |
| | | | | | | | | | | |
| HA34, ROCKET, MK 80 MOD 0 (SMAW-NE) | А | 1.100 | 2.800 | 0.000 | | | | | | |
| QTY | | 800 | 695 | 0 | | | | | | |
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| P40a Total | | 2.270 | 2.800 | 0.000 | | | | | | |

BLIN: 147100

| Exhibit P-5, Cost Analysis | Weapon S | ystem | | | Date: FEBRUARY 2 | 2006 | | | | | | |
|---|------------|-------|----------|----------|---------------------|----------|--------|-------|---------|-------|-----|--|
| Appropriation Code/Budget Activity/Seri | al Number: | | ID Code: | P-1 Line | Item Nome | nclature | : | | | | | |
| Procurement of Ammunition, Navy and Marine Co | | | A | | ROCKETS, | | | | | | | |
| | | FY05 | | | FY06 | | | FY07 | | | | |
| | Total | | Unit | Total | | Unit | Total | | Unit | Total | | Unit |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost |
| HARDWARE | | | | | | | | | | | | |
| HA29, ROCKET, 66MM HE M72A7 W/GRAZE | | | | | | | | | | | | |
| COMPLETE ROUND | 5.064 | 2,601 | 1946.94 | 3.400 | 670 | 5074.62 | | | | | | |
| HX05, ROCKET, 83MM HE DUALMODE (SMAW-HEDP) | | | | | | | | | | | | |
| COMPLETE ROUND | 8.888 | 4,907 | 1811.29 | 0.975 | 517 | 1885.88 | | | | | | |
| HX06, ROCKET, 83MM HEAA | | | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | 10.175 | 6,121 | 1662.31 | | | |
| PLAR, ROCKET, 66MM HE M72A7 W/GRAZE | | | | | | | | | | | | |
| COMPLETE ROUND | 6.294 | 3,232 | 1,947.40 | | | | | | | | | |
| | | | | | | | | | | | | |
| PRODUCT | | | | | | | | | | | | <u> </u> |
| PRODUCTION ENGINEERING | | | | | | | 0.026 | | | | | <u> </u> |
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| попът | 20. 245 | | | 4 255 | | | 10 001 | | | | | \vdash |
| TOTAL | 20.246 | | | 4.375 | | | 10.201 | | | | | |

| Exhibit P-5a, Procurem | ent Histo | ory and | Planning | | Weapon Sy | stem | Date: FEBRUARY | 2006 | | |
|----------------------------------|-------------|------------|--------------------|--------------|-----------|------------------------------|-------------------|----------|-----------|-----------|
| Appropriation Code/Budget Ac | ctivity/Ser | ial Number | g: | P-1 Line | Item Nome | nclature: | | | | |
| Procurement of Ammunition, Navy | | | | (147100) | ROCKETS, | ALL TYPES | | | | |
| | | * | | RFP | Contract | | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | | Revisions |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| HA29, ROCKET, 66MM HE M72A7 W/GE | £-1 | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | |
| FY 2005 | 2,601 | 1946.94 | NSWC DAHLGREN, VA | OCT 04 | C/FFP | TALLEY DEFENSE SYS, MESA, AZ | OCT 04 | OCT 05 | YES | |
| FY 2006 | 670 | | MCSC, QUANTICO, VA | JUL 06 | C/FFP | TALLEY DEFENSE SYS, MESA, AZ | OCT 06 | OCT 07 | NO | |
| HX05, ROCKET, 83MM HE DUALMODE | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | |
| FY 2005 | 4,907 | 1811.29 | NSWC DAHLGREN, VA | JUL 04 | C/FFP | TALLEY DEFENSE SYS, MESA, AZ | OCT 04 | OCT 05 | YES | |
| FY 2006 | 517 | 1885.88 | NSWC DAHLGREN, VA | JUL 06 | C/FFP | TALLEY DEFENSE SYS, MESA, AZ | OCT 06 | OCT 07 | NO | |
| HX06, ROCKET, 83MM HEAA | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | |
| FY 2007 | 6,121 | 1662.31 | MCSC, QUANTICO, VA | OCT 06 | C/FFP | TALLEY DEFENSE SYS, MESA, AZ | OCT 06 | OCT 07 | NO | |
| PLAR, ROCKET, 66MM HE M72A7 W/GF | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | |
| FY 2005 | 3,232 | 1947.40 | NSWC DAHLGREN, VA | JUL 04 | C/FFP | TALLEY DEFENSE SYS, MESA, AZ | OCT 04 | OCT 05 | YES | |
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| Exhibit P-21, I | bit P-21, Production Schedule | | | | | | | | | | | | | Date | | | | | | | | | | | | | | | | |
|-----------------------|---------------------------------------|--|--------|--------|--------|--------|----------|--------|--------|----------|--------|--------|--------|--------|--------|----------|--------|--------|----------|--------|--------|--------|--------|--------|--------|----------|----------|--------|--------|----------|
| | n Code/Budget Activity/Serial Number: | | | | | | | | | | | | | | UARY | | | | | | | | | | | | | | | |
| Appropriation Code | 'Budget | | | | | | | | | | Wear | on | | | | | | mencl | | | | | | | | | | | | |
| Procurement of Ammuni | cion, Na | on, Navy and Marine Corps/2/Ammunitio | | | | | | | | | Syst | | | (147 | 100) | DOD | | HA29, | | | | | M72A' | 7 W/C | GRAZE | : | | | | |
| | | | | | | | | | PR | ODUCT | ION R | ATE | | | | | | PROCU | REMEN | T LEA | DTIME | S | | | | | | | | |
| | Manufacturer's Name | | | | | | | | | | | | | ALT I | Prior | to | ALT | After | | Init | ial M | £g | Reor | der M | fg | | | Unit | of | |
| Item | and Location | | | | | | | М | SR | E | CON | М | AX | Oct : | 1 | | Oct | 1 | | PLT | | | PLT | | | Tota | 1 | Measi | ıre | |
| HA29 | | and Location 1 TALLEY DEFENSE SYS, MESA, A | | | | | | | .05 | 0 | .15 | 0. | 25 | | 0 | | | 0 | | | 12 | | | 12 | | 1 | L2 | | K | |
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| | Fisca | | | | | | | | | 2005 | | | | | | | | Fis | cal Y | ear | | 2006 | | | | | | | | |
| | | | | | | | | | Cale | ndar | Year | | 2005 | | | | | | | | Cale | ndar ' | Year | | 2006 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | F | M | A | М | J | J | A | S | 0 | N | D | J | F | М | A | М | J | J | A | S | В |
| | F | V | T | E | A | C | 0 | E | A | E | A | P | A | U | U | U | E | C | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Y | С | Y | L | L | Т | V | C | N | В | R | R | Y | N | L | G | P | Т | V | С | N | В | R | R | Y | N | L | G | P | L |
| HA29 | 2005 | MC1 | 2.60 | 0 | 2.60 | A | | | | <u> </u> | | | | | | <u> </u> | | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.18 | + |
| | 2006 | MC1 | 0.67 | 0 | 0.67 | | | | | | | | | | | | | | | | | | | | | | | | | 0. |
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| | | | | | | Fisc | al Yea | ar | | 2007 | | | | | | | | Fis | cal Y | ear | | 2008 | | | | | | | | |
| | | | | | | | | | _ | ndar | 1 | | 2007 | | | | | | | | | ndar ' | | | 2008 | | | | | |
| | l _ | S | Q | D | В | 0 | N | D - | J | F | M | A | M | J | J | A | S | 0 | N | D | J | F | M | A | M | J | J | A | S | В |
| Item | F Y | C. | T Y | E L | A L | C T | 0 | E | A N | E B | A R | P R | A Y | U N | U L | U G | E P | C T | 0 | E C | A N | E B | A R | P R | A Y | U N | U | U G | E P | A L |
| HA29 | 2005 | MC1 | 2.60 | 2.60 | г п | 1 | v | C | IN | В | л | л | 1 | IN | ь | G | P | 1 | · | ٠ | IA | В | л | л | 1 | IN | п | G | F | H |
| 111107 | 2005 | MC1 | 0.67 | 2.00 | 0.67 | A | | | 1 | 1 | 1 | | | 1 | | 1 | 1 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.07 | + |
| | 2000 | 1101 | 0.07 | - | 0.07 | | | | | 1 | | | | | | 1 | | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | \vdash |
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| Exhibit P-21 | , Pro | oduc | tion | Scl | nedu | ıle | | | | | | | | Date | : | | | | | | | | | | | | | | | |
|--------------------|--------|--------|--|-------|--|---------|--------|-------|-------|----------|--------|----------|--------------|-------|------|------|-------|-------|--------|--------|-------|--------------|-------|-------|--------|-------|------|-------|------|-------------|
| | | | | | | | | | | | | | | FEBR | UARY | 2006 | | | | | | | | | | | | | | |
| Appropriation Co | ode/Bi | ıdget | Acti | vity | /Ser | ial N | umber | : | | | Weap | on | | P-1 | Line | Item | Nome | ncla | ture: | | | | | | | | | | | |
| Procurement of Amm | unitio | n, Nav | vy and | Mari | ne Co | orps/2 | /Ammun | ition | | | Syst | em | | (147 | 100) | DODI | с: нх | 05, 1 | ROCKE | т, 83 | ВММ Н | E DUA | LMODI | E (SM | IAW-HI | EDP) | | | | |
| | | | | | | | | | | RODUCT | ION RA | ATE | | | | | | PROCU | REMEN' | T LEAI | TIMES | 3 | | | | | | | | |
| | | Manui | factur | er's | Name | | | | | | | | | ALT F | rior | to | ALT A | fter | | Initi | al Mf | g | Reord | er Mf | g | | | Unit | of | |
| Item | | and 1 | Locati | on | | | | М | CR | EC | CON | М | AX | Oct 1 | | | Oct 1 | - | | PLT | | | PLT | | | Total | | Measu | re | |
| HX05 | | 1 TAI | LLEY D | EFENS | SE SYS | , MESA | A, AZ | 0. | 04 | 0 | . 3 | 0 | .5 | | 0 | | | 0 | | | 12 | | | 12 | | 1 | 2 | | K | |
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| | | | | | | Fisca | al Yea | ır | | 2005 | | | | | | | | Fisc | al Ye | ar | | 2006 | | | | | | | | |
| | | | | | | | | | Caler | ndar Y | ear | | 2005 | | | | | | | | Caler | ndar Y | ear | | 2006 | | | | | , |
| | | S | Q | D | В | 0 | N | D | J | F | М | A | М | J | J | A | S | 0 | N | D | J | F | М | A | М | J | J | A | S | В |
| | F | v | T | E | A | С | 0 | E | A | E | A | P | A | U | U | U | E | C | 0 | E | A | E | A | P | A | U | U | U | E | A |
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| HX05 | 2005 | 1 | 4.91 | 0 | 1.71 | A | | | | | | | | | | | | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.40 | C |
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| Item | Υ | C | Y | L | L | T | V | C | N | В | R | R | Y | N | L | G | P | Т | V | С | N | В | R | R | Y | N | L | G | P | L |
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| | 2006 | MC1 | 0.52 | 0 | 0.52 | A | | - | - | } | - | } | } | - | - | - | - | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.05 | 0.05 | 0.05 | 0.05 | (|
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| Exhibit P-21, P | roduc | tion | Sc. | hedı | ıle | | | | | | | | | Date | | | | | | | | | | | | | | | | |
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| Appropriation Code/ | Budget | Acti | ctivity/Serial Number: | | | | | | | | Wear | on | | P-1 | Line | Ite | m Nom | encl | atur | e: | | | | | | | | | | |
| Procurement of Ammuni | cion, Na | vy ar | yy and Marine Corps/2/Ammunition | | | | | | | | Syst | em | | (147 | 100) | DOD | IC: H | X06, | ROC | KET, | 83MM | I HEA | A | | | | | | | |
| | | Manufacturer's Name | | | | | | | PR | ODUCT | ION R | ATE | | | | | P | ROCUI | REMEN | T LEA | DTIME | S | | | | | | | | |
| | | Manu | factu | rer's | Name | 9 | | | | | | | | ALT : | Prior | to | ALT A | After | | Initi | ial M | fg | Reor | der M | Ifg | | | Unit | of | |
| Item | | and Location 1 TALLEY DEFENSE SYS, MESA, AZ | | | | | | | SR | EC | CON | M. | AX | Oct : | 1 | | Oct 1 | L | | PLT | | | PLT | | | Tota | 1 | Meası | ıre | |
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| Exhibit | P-2 | 1, E | Produ | ucti | on S | Sche | dule | | | | | | | Date | : | | | | | | | | | | | | | | | |
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| REMARKS: | THIS I | DOES | NOT RE | FLECT | THE. | ARMY'S | S BUYS | WHICH | MAKE | UP TH | E 1-8 | -5 PRO | DUCTI | ON RAT | res. | | | | | | | | | | | | | | | |

| Exhibit P-40, Budget Item Ju | ustifi | cation | | | | Date: | | | | | | | | |
|--|-----------|---------------|---------|--------------------------------|--------------|--------------|--------------|---------|--|----------|---------|--|--|--|
| | | | | | | | FEBRUARY 200 | 6 | | | | | | |
| Appropriation Code/Budget Activity/ | Serial 1 | Number: | | | P-1 Item Nom | enclature: | | | | | | | | |
| Procurement of Ammunition, Navy and Mar: | ine Corps | /2/Ammunition | | | (147300) ART | 'ILLERY, ALL | TYPES | | | | | | | |
| Program Element for Code B Items: | | | | Other Related Program Elements | | | | | | | | | | |
| | ID | | | | | | | | | То | Total | | | |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | | Complete | Program | | | |
| Proc Qty | | | | | | | | | | | | | | |
| Gross Cost | A | 57.318 | 43.391 | 35.514 | 44.113 | 54.389 | 83.504 | 120.018 | | | 438.247 | | | |

Description: The Projectile, 155mm Illuminating M485A2 (DODIC D505) is a separate loading artillery projectile that consists of a hollow steel shell with an illuminant canister, a canister expelling charge in the projectile nose, and a drogue parachute in the base. This projectile is fired from the 155mm M198 and M777 Towed Howitzers. The projectile uses a Mechanical Time fuze.

The Projectile, 155mm High Explosive (HE) M795 (DODIC D529) is fired from the 155mm M198 Howitzer and is compatible with the M777 Light Weight 155 Howitzer. It is used to provide conventional support fires and provides an increase in range, lethality, and accuracy.

The Projectile, 155mm High Explosive (HE) M107 Series (DODIC D544) is a separate loading projectile fired from the M198 and M777 Towed Howitzers. It is used to provide conventional support fires for infantry manuever units.

The Projectile, 155mm Smoke White Phosphorus (WP) M110A2 (DODIC D550) is a separate loading projectile used to provide smoke for marking purposes and can be used to provide screening of mechanized or infantry maneuver. The M110A2 projectile is fired from the M198 and M777 Towed Howitzers. A point detonating fuze is normally used with this projectile.

The M231 Modular Artillery Charge System (MACS)(DODIC DA12) is a propelling charge for the 155mm family of artillery projectiles. The M231 is used at lower zones (1 or 2 increments at a time) and is based on the classical unicharge design, i.e. bi-directional center core ignition, granular propellant contained in a rigid combustible case. MACS will offer improvements in logistics, range, and simplicity when compared to existing bag propellants (M203 series, M119 series, M3 series and M4 series).

The M232 Modular Artillery Charge System (MACS) (DODIC DA13) is a propelling charge for the 155mm family of artillery projectiles. The M232 is used at higher zones (3, 4, 5 or 6 increments at a time) and is based on the classical unicharge design, i.e. bi-directional center core ignition, granular propellant contained in a rigid combustible case. MACS will offer improvements in logistics, range, and simplicity when compared to existing bag propellants (M203 series, M119 series and M4 series).

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

FY06 funding includes \$12M in Title IX funds for 155MM High Explosive Projectile M795.

| DODIC / Description | |
|---------------------|--------------|
| | FY05 |
| | Supplemental |
| | Dollars |
| | Received |
| DA13, MACS | 8.432 |
| Total Artillery, | |
| All Types | 8.432 |

| Exhibit P-5, Cost Analysis | Weapon S | Date: FEBRUARY 2006 | | | | | | | | | | |
|---|--|------------------------|----------|----------|-----------|-----------|----------|-----------|---------|-------|--|--|
| Appropriation Code/Budget Activity/Serial | Number: | | ID Code: | P-1 Line | Item Nome | enclature | : | | | | | |
| Procurement of Ammunition, Navy and Marine Corps | | on | A | | | | | | | | | |
| riocarement of Ammanieron, Navy and Marine corps | ### A ################################ | | | | | | | | | | | |
| | m-+-1 | F105 | TT | m-+-1 | F100 | 77 J. L. | m-+-1 | FIU/ | TT. 2 4 | m-+-1 | | 77 3.4. |
| | Total | _ | Unit | Total | _ | Unit | Total | | Unit | Total | | Unit |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost |
| HARDWARE | | | | | | | | | | | | |
| D505, PROJ, 155MM, M485A2, ILLUM | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | _ | | | | | | 7.094 | 5,004 | 1417.71 | | | ļ |
| *UNIVERSAL LIFTING PLUG (EA) | | | | | | | 0.041 | 5,155 | 8.02 | | | |
| GROMMET(EA) | | | | | | | 0.009 | 5,155 | 1.84 | | | |
| | | | | | | | | | | | | |
| D529, PROJ, 155MM, M795, HE EX RANGE* | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 3.050 | 26,180 | 116.53 | 4.443 | 44,714 | 99.37 | 6.218 | 59,276 | 104.91 | | | |
| LIFTING PLUGS | 0.184 | 26,974 | 6.82 | 0.294 | 50,716 | 5.81 | 0.372 | 60,585 | 6.14 | | | |
| PROJ M795 MPTS | 5.489 | 26,974 | 203.49 | 8.795 | 50,716 | 173.43 | 11.098 | 60,585 | 183.18 | | | |
| SUPPLEMENTAL CHARGES | 0.131 | 26,974 | 4.86 | 0.185 | 44,715 | 4.14 | 0.265 | 60,585 | 4.37 | | | |
| TNT TYPE I GRADE A(LB) | 1.915 | 652,938 | 2.93 | 1.885 | 754,161 | 2.50 | 3.872 | 1,466,536 | 2.64 | | | |
| WOODEN PALLETS | 0.151 | 3,174 | 47.57 | 0.162 | 4,000 | 40.52 | 0.305 | 7,129 | 42.78 | | | |
| | | | | | | | | | | | | |
| D544, PROJ, 155MM, M107, HE | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 4.102 | 55,936 | 73.33 | 4.051 | 44,112 | 91.84 | | | | | | |
| PROJ M107 MPTS | 7.922 | 57,055 | 138.85 | 6.444 | 44,995 | 143.21 | | | | | | |
| *COMP B TYPE I GRADE A(LB) | 2.943 | 1,274,223 | 2.31 | 2.321 | 1,004,872 | 2.31 | | | | | | |
| INSENSITIVE RDX | | | | | | | | | | | | |
| *PLUG, SHOCK ATTENUATING | 0.464 | 57,335 | 8.09 | 0.372 | 45,215 | 8.23 | | | | | | |
| GROMMET (EA) | 0.099 | 57,615 | 1.72 | 0.085 | 45,436 | 1.88 | | | | | | |
| *SUPPLEMENTAL CHARGE | 0.596 | 57,055 | 10.45 | 0.509 | 44,995 | 11.30 | | | | | | |
| | | , | | | , | | | | | | | |
| D550, PROJ, 155MM, M110A2, SMOKE WP | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | 1.934 | 5,653 | 342.15 | 1.459 | 5,531 | 263.80 | | | |
| PROJ 155MM WP M110A2 MPTS(EA) | | | | 1.776 | 5,767 | 307.93 | 1.804 | 5,642 | 319.75 | | | |
| CHG BSTR M54A1 ASSY(EA) | | | | 0.570 | 5,823 | 97.94 | 0.579 | 5,697 | 101.70 | | 1 | |
| CASING BSTR(EA) | | | | 0.379 | 5,767 | 65.76 | 0.385 | 5,642 | 68.29 | | | 1 |
| *TNT TYPE I FLAKE(LB) | | | | 0.003 | 1,209 | 2.17 | 0.003 | 1,182 | 2.39 | | | 1 |
| CYCLOTOL 75/25 TYPE 1 | + | | | 0.003 | 10,402 | 7.52 | 0.079 | 10,178 | 7.73 | | | |
| PLUG, SHOCK ATTENUATING | | | | 0.047 | 5,767 | 8.23 | 0.075 | 10,170 | 7.75 | | | 1 |
| *UNIVERSAL LIFTING PLUG (EA) | + | | | 0.04/ | 3,707 | 0.23 | 0.046 | 5,697 | 8.02 | | | |
| GROMMET(EA) | + | | | 0.011 | 5,823 | 1.88 | 0.010 | 5,697 | 1.84 | | 1 | 1 |
| GROPHEI(EA) | | | | 0.011 | 5,823 | 1.88 | 0.010 | 5,69/ | 1.84 | | 1 | + |
| DA12 GUG 1EEMM M221 MOD ADDV GUG GVC+ | | | | | | | | | | | 1 | + |
| DA12, CHG, 155MM, M231, MOD ARTY CHG SYS* | 3.359 | 232,000 | 14 40 | 1 000 | 66.000 | 15 10 | <u> </u> | | | | | + |
| LOAD, ASSEMBLE & PACK (LAP) | | | 14.48 | 1.002 | 66,000 | 15.18 | <u> </u> | | | | | + |
| COMBUSTIBLE CASE SETS | 6.077 | 239,000 | 25.43 | 1.812 | 68,000 | 26.66 | | | | | | + |
| PROPELLANT, SINGLE BASE, M231 | 3.248 | 812,000 | 4.00 | 1.080 | 231,000 | 4.68 | | | | | | 1 |
| IGNITION SYSTEM PROPELLANT | 0.097 | 15,000 | 6.45 | 0.028 | 4,000 | 6.76 | | | | | | _ |
| LAP CONTAINERS *UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST | 2.190 | 58,000 | 37.76 | 0.766 | 17,000 | 45.08 | | | | | ļ | _ |
| *UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS | | | | | | | | | | | | |
| Sub Total | 42.017 | | | 39.032 | i | | 33.639 | | | | t | † |

| Exhibit P-5, Cost Analysis | Weapon System | | | | Date: | | | | | | | | | |
|--|---------------|---------|----------|----------|---------------|-----------|--------|-----|----------|-------|-----|----------|--|--|
| Continued | | | | | FEBRUARY 2006 | | | | | | | | | |
| Appropriation Code/Budget Activity/Serial | Number: | | ID Code: | P-1 Line | Item Nome | nclature: | | | | | | | | |
| Procurement of Ammunition, Navy and Marine Corp | | tion | A | (147300) | ARTILLERY | , ALL TYE | PES | | | | | | | |
| | | FY05 | | | FY06 | | FY07 | | | | | | | |
| | Total | | Unit | Total | | Unit | Total | | Unit | Total | | Unit | | |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | | |
| DA13, CHG, 155MM, M232, MOD ARTY CHG SYS* | | ~ 1 | | | ~ 1 | | | ~ 1 | | | ~ + | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 2.945 | 148,000 | 19.90 | .856 | 43,000 | 19.92 | | | | | | | | |
| COMBUSTIBLE CASE SETS | 3.811 | 152,000 | 25.00 | 1.153 | 44,000 | 26.21 | | | | | | | | |
| PROPELLANT (M232 TRIPLE BASE) | 7.400 | 740,000 | 10.00 | 2.254 | 215,000 | 10.48 | | | | | | | | |
| IGNITION SYSTEM/SPHERIODAL PROPELLANT | .054 | 9,000 | 6.00 | .019 | 3,000 | 6.29 | | | | | | | | |
| LAP CONTAINERS | 1.184 | 30,000 | 40.00 | .377 | 9,000 | 41.93 | | | | | | | | |
| | | | | | | | | | | | | | | |
| PRODUCT | | | | | | | | | | | | | | |
| ACCEPTANCE TESTING | 0.921 | | | 0.414 | | | 0.161 | | | | | | | |
| PRODUCTION ENGINEERING | 1.921 | | | 1.603 | | | 1.793 | | | | | | | |
| QUALITY ASSURANCE | 0.008 | | | 0.004 | | | 0.008 | | | | | | | |
| | | | | | | | | | | | | | | |
| NONRECURRING | | | | | | | | | | | | | | |
| GOVERNMENT FURNISHED MATERIAL | -2.943 | | | -2.321 | | | -0.087 | | | | | | | |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| *UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | 4 | | | | | | | | ļ | | | | | |
| Sub Total | 15.301 | | | 4.359 | | | 1.875 | | | | | | | |
| Total | 57.318 | | | 43.391 | | | 35.514 | | <u> </u> | L | | <u> </u> | | |

| Exhibit P-5a, Procurement History and Planning | | | | | Weapon System Date: FEBRUARY 2006 | | | | | | | | | |
|--|------------|-----------|----------------------|----------|-----------------------------------|------------------------------------|--------|----------|-----------|-----------|--|--|--|--|
| Appropriation Code/Budget Activ | ity/Serial | l Number | : | P-1 Line | ne Item Nomenclature: | | | | | | | | | |
| Procurement of Ammunition, Navy and | Marine Co | rps/2/Amm | unition | (147300) | 7300) ARTILLERY, ALL TYPES | | | | | | | | | |
| | | | | RFP | Contract | Tech Data | Date | | | | | | | |
| | | Unit | | Issue | Method | | Award | First | Available | Revisions | | | | |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available | | | | |
| D505, PROJ, 155MM, M485A2, ILLUM | ~ 1 | | | | | | | - | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | | | | | |
| FY 2007 | 5,004 | 1417.71 | JMC, ROCK ISLAND, IL | OCT 04 | C/FP | PINE BLUFF ARSENAL, PINE BLUFF, AR | DEC 06 | NOV 08 | YES | | | | | |
| *UNIVERSAL LIFTING PLUG | | | | | | | | | | | | | | |
| FY 2007 | 5,155 | N/A | JMC, ROCK ISLAND, IL | N/A | N/A | STOCK ISSUE | DEC 06 | NOV 08 | | | | | | |
| GROMMET(EA) | | | | | | | | | | | | | | |
| FY 2007 | 5,155 | 1.84 | JMC, ROCK ISLAND, IL | OCT 04 | C/FP | LC INDUSTRIES HAZELHURST | MAR 07 | JAN 08 | YES | | | | | |
| D529, PROJ, 155MM, M795, HE EX RANG | | | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | | | | | |
| FY 2005 | 26,180 | 116.53 | ARDEC, PICATINNY, NJ | SEP 04 | C/FFP | DAY & ZIMMERMAN, PARSONS, KS | MAR 05 | SEP 06 | YES | | | | | |
| FY 2006 | 44,714 | 99.37 | ARDEC, PICATINNY, NJ | SEP 04 | C/FFP | DAY & ZIMMERMAN, PARSONS, KS | MAR 06 | SEP 07 | YES | | | | | |
| FY 2007 | 59,276 | 104.91 | ARDEC, PICATINNY, NJ | SEP 04 | C/FFP | DAY & ZIMMERMAN, PARSONS, KS | MAR 07 | SEP 08 | YES | | | | | |
| LIFTING PLUGS | | | | | | | | | | | | | | |
| FY 2005 | 26,974 | 6.82 | ARDEC, PICATINNY, NJ | SEP 04 | C/FFP | MEDICO IND, WILKES-BARRE, PA | MAR 05 | SEP 06 | YES | | | | | |
| FY 2006 | 50,716 | 5.81 | ARDEC, PICATINNY, NJ | SEP 04 | C/FFP | MEDICO IND, WILKES-BARRE, PA | MAR 06 | SEP 07 | YES | | | | | |
| FY 2007 | 60,585 | 6.14 | ARDEC, PICATINNY, NJ | SEP 04 | C/FFP | MEDICO IND, WILKES-BARRE, PA | MAR 07 | SEP 08 | YES | | | | | |
| PROJ M795 MPTS | | | | | | | | | | | | | | |
| FY 2005 | 26,974 | 203.49 | ARDEC, PICATINNY, NJ | SEP 04 | C/FFP | CHAMBERLAIN MFG, SCRANTON, PA | MAR 05 | SEP 06 | YES | | | | | |
| FY 2006 | 50,716 | 173.43 | ARDEC, PICATINNY, NJ | SEP 04 | C/FFP | CHAMBERLAIN MFG, SCRANTON, PA | MAR 06 | SEP 07 | YES | | | | | |
| FY 2007 | 60,585 | 183.18 | ARDEC, PICATINNY, NJ | SEP 04 | C/FFP | CHAMBERLAIN MFG, SCRANTON, PA | MAR 07 | SEP 08 | YES | | | | | |
| SUPPLEMENTAL CHARGES | | | | | | | | | | | | | | |
| FY 2005 | 26,974 | 4.86 | ARDEC, PICATINNY, NJ | SEP 04 | C/FFP | MCALESTER AAP, MCALESTER, OK | MAR 05 | SEP 06 | YES | | | | | |
| FY 2006 | 44,715 | 4.14 | ARDEC, PICATINNY, NJ | SEP 04 | C/FFP | MCALESTER AAP, MCALESTER, OK | MAR 06 | SEP 07 | YES | | | | | |
| FY 2007 | 60,585 | 4.37 | ARDEC, PICATINNY, NJ | SEP 04 | C/FFP | MCALESTER AAP, MCALESTER, OK | MAR 07 | SEP 08 | YES | | | | | |
| TNT TYPE I GRADE A(LB) | | | | | | | | | | | | | | |
| FY 2005 | 652,938 | 2.93 | ARDEC, PICATINNY, NJ | SEP 04 | SS/FP | MCALESTER AAP, MCALESTER, OK | MAR 05 | SEP 06 | YES | | | | | |
| FY 2006 | 754,161 | 2.50 | ARDEC, PICATINNY, NJ | SEP 04 | SS/FP | MCALESTER AAP, MCALESTER, OK | MAR 06 | SEP 07 | YES | | | | | |
| FY 2007 | 1,466,536 | 2.64 | ARDEC, PICATINNY, NJ | SEP 04 | SS/FP | MCALESTER AAP, MCALESTER, OK | MAR 07 | SEP 08 | YES | | | | | |
| WOODEN PALLETS | | | | | | | | | | | | | | |
| FY 2005 | 3,174 | 47.57 | ARDEC, PICATINNY, NJ | SEP 04 | C/FFP | KNOX COUNTY ASSOCIATION | MAR 05 | SEP 06 | YES | | | | | |
| FY 2006 | 4,000 | 40.52 | ARDEC, PICATINNY, NJ | SEP 04 | C/FFP | KNOX COUNTY ASSOCIATION | MAR 06 | SEP 07 | YES | | | | | |
| FY 2007 | 7,129 | 42.78 | ARDEC, PICATINNY, NJ | SEP 04 | C/FFP | KNOX COUNTY ASSOCIATION | MAR 07 | SEP 08 | YES | | | | | |
| | | | | | | | | | | | | | | |

| Exhibit P-5a, Procurement H | istory a | nd Pla | nning | | Weapon S | lystem | Date: | | | |
|---|------------|--------|----------------------|----------|----------|----------------------------------|----------|----------|-----------|-----------|
| Continued | | | 3 | | | 2 | FEBRUARY | 2006 | | |
| Appropriation Code/Budget Activity | /Serial Nu | mber: | | P-1 Line | Item Nom | menclature: | | | | |
| Procurement of Ammunition, Navy and Mar | | | ion | | | RY, ALL TYPES | | | | |
| | | , | | RFP | Contract | <u> </u> | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| D544, PROJ, 155MM, M107, HE | QCY | COBC | Location of Feo | Date | and Type | Contractor and Eccation | Date | Delivery | NOW: | Available |
| LOAD, ASSEMBLE & PACK (LAP) | † | | | | | | 1 | | 1 | |
| FY 2005 | 55,936 | 73 33 | JMC, ROCK ISLAND, IL | OCT 04 | SS/OP | AMERICAN ORDNANCE, MIDDLETON, IA | SEP 05 | JUN 06 | YES | |
| FY 2006 | 44,112 | | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | AMERICAN ORDNANCE, MIDDLETON, IA | DEC 05 | SEP 07 | YES | |
| *COMP B TYPE I GRADE A(LB) | , | | , | | 22/11 | | | | | |
| FY 2005 | 1,274,223 | N/A | JMC, ROCK ISLAND, IL | UNKNOWN | N/A | STOCK ISSUE | SEP 05 | JUN 06 | YES | |
| FY 2006 | 1,004,872 | | JMC, ROCK ISLAND, IL | UNKNOWN | N/A | STOCK ISSUE | DEC 05 | SEP 07 | YES | |
| GROMMET (EA) | | | , | | , | | | | | |
| FY 2005 | 57,615 | 1.72 | JMC, ROCK ISLAND, IL | OCT 04 | SS/FP | LC INDUSTRIES HAZELHURST, | FEB 05 | OCT 05 | NO | |
| FY 2006 | 45,436 | | JMC, ROCK ISLAND, IL | AUG 04 | SS/FP | LC INDUSTRIES HAZELHURST, | JAN 06 | NOV 06 | YES | |
| *PLUG, SHOCK ATTENUATING | | | , | | , | | | | | |
| FY 2005 | 57,335 | 8.09 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FP | CORONET MACHINERY CORP, YON | DEC 04 | APR 06 | NO | |
| FY 2006 | 45,215 | | JMC, ROCK ISLAND, IL | UNKNOWN | C/FP | TBD | MAR 06 | NOV 06 | YES | |
| PROJ M107 MPTS | | | | | | | | | | |
| FY 2005 | 57,055 | 138.85 | JMC, ROCK ISLAND, IL | OCT 04 | CM-2/FP | CHAMBERLAIN MFG, SCRANTON, PA | FEB 05 | MAY 06 | NO | |
| FY 2006 | 44,995 | 143.21 | JMC, ROCK ISLAND, IL | OCT 04 | CM-3/FP | CHAMBERLAIN MFG, SCRANTON, PA | MAR 06 | DEC 06 | YES | |
| *SUPPLEMENTAL CHARGE | | | | | | | | | | |
| FY 2005 | 57,055 | 10.45 | JMC, ROCK ISLAND, IL | UNKNOWN | SS/FP | DAY & ZIMMERMAN, PARSONS, KS | FEB 05 | OCT 05 | NO | |
| FY 2006 | 44,995 | 11.30 | JMC, ROCK ISLAND, IL | UNKNOWN | SS/FP | DAY & ZIMMERMAN, PARSONS, KS | APR 06 | DEC 06 | YES | |
| | | | | | | | | | | |
| D550, PROJ, 155MM, M110A2, SMOKE WP | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2006 | 5,653 | 342.15 | JMC, ROCK ISLAND, IL | UNKNOWN | SS/FP | PINE BLUFF ARSENAL, PINE B | MAR 06 | JUL 07 | YES | |
| FY 2007 | 5,531 | 263.8 | JMC, ROCK ISLAND, IL | UNKNOWN | SS/FP | PINE BLUFF ARSENAL, PINE B | MAR 07 | JUL 08 | YES | |
| *UNIVERSAL LIFTING PLUG | | | | | | | | | | |
| FY 2007 | 5,697 | N/A | JMC, ROCK ISLAND, IL | UNKNOWN | N/A | STOCK ISSUE | MAR 07 | JUL 08 | NO | |
| CASING BSTR(EA) | | | | | | | | | | |
| FY 2006 | 5,767 | 65.76 | JMC, ROCK ISLAND, IL | UNKNOWN | C/OP | CHAMBERLAIN MFG, SCRANTON, PA | MAR 06 | MAY 07 | YES | |
| FY 2007 | 5,642 | 68.29 | JMC, ROCK ISLAND, IL | UNKNOWN | C/OP | CHAMBERLAIN MFG, SCRANTON, PA | MAR 07 | MAY 08 | YES | |
| CHG BSTR M54A1 ASSY(EA) | | | | | | | | | | |
| FY 2006 | 5,823 | 97.94 | JMC, ROCK ISLAND, IL | UNKNOWN | C/OP | DAY & ZIMMERMAN, PARSONS, KS | APR 06 | MAY 07 | YES | |
| FY 2007 | 5,697 | 101.70 | JMC, ROCK ISLAND, IL | UNKNOWN | C/OP | DAY & ZIMMERMAN, PARSONS, KS | APR 07 | MAY 08 | YES | |
| CYCLOTOL 75/25 TYPE 1 | | | | | | | | | | |
| FY 2006 | 10,402 | 7.52 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FP | UNKNOWN | MAR 06 | AUG 06 | YES | |
| FY 2007 | 10,178 | 7.73 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FP | UNKNOWN | MAR 07 | AUG 07 | YES | |
| GROMMET (EA) | | | | | | | | | | |
| FY 2006 | 5,823 | 1.88 | | UNKNOWN | C/FP | UNKNOWN | MAR 06 | NOV 06 | YES | |
| FY 2007 | 5,697 | 1.84 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FP | UNKNOWN | MAR 07 | NOV 07 | YES | |
| PLUG, SHOCK ATTENUATING | | | | | | | | | | |
| FY 2006 | 5,767 | 8.23 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FP | UNKNOWN | MAR 06 | JAN 07 | YES | |

| Exhibit P-5a, Procurement Hi | story a | nd Pla | nning | | Weapon S | ystem | Date: | | | |
|--|-------------------|------------------|--|----------|--------------------|---|--------------|--|------------|--|
| Continued | - | | • | | | | FEBRUARY | 2006 | | |
| Appropriation Code/Budget Activity, | /Serial Nu | ımber: | | P-1 Line | Item Nom | enclature: | | | | |
| Procurement of Ammunition, Navy and Mari | | | on | | | Y, ALL TYPES | | | | |
| reconstruction of immunitation, may and mark | ine corps, i | , 11111110111101 | | RFP | Contract | 1, 11111 | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| PROJ 155MM WP M110A2 MPTS(EA) | QcI | COBC | nocación di 1co | Date | and Type | concractor and nocation | Date | DCIIVCIY | IVOW. | AVGITABLE |
| FY 2006 | 5,767 | 307.93 | JMC, ROCK ISLAND, IL | UNKNOWN | C/OP | CHAMBERLAIN MFG, SCRANTON, PA | MAR 06 | MAY 07 | YES | |
| FY 2007 | 5,642 | | JMC, ROCK ISLAND, IL | UNKNOWN | C/OP | SCRANTON AAP, SCRANTON, PA | MAR 07 | MAY 08 | YES | |
| *TNT TYPE I FLAKE (LB) | -, - | | , | | | , , , , , | | | | |
| FY 2006 | 1,209 | 2.17 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FP | TBD | MAR 06 | AUG 06 | YES | |
| FY 2007 | 1,182 | 2.39 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FP | TBD | MAR 07 | AUG 07 | YES | |
| | · | | | | | | | | 1 | |
| DA12, CHG, 155MM, M231, MOD ARTY CHG SYS | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 232,000 | 14.48 | ARDEC, PICATINNY, NJ | OCT 04 | SS/OP | AMERICAN ORDNANCE, MIDDLETON, IA | FEB 05 | APR 06 | YES | |
| FY 2006 | 66,000 | 15.18 | ARDEC, PICATINNY, NJ | OCT 05 | SS/OP | AMERICAN ORDNANCE, MIDDLETON, IA | FEB 06 | MAR 08 | YES | |
| COMBUSTIBLE CASE SETS | | | | | | | | | | |
| FY 2005 | 239,000 | 25.43 | ARDEC, PICATINNY, NJ | OCT 04 | CM-3/FP | ARMTEC, COACHELLA, CA | FEB 05 | MAR 06 | YES | |
| FY 2006 | 68,000 | 26.66 | ARDEC, PICATINNY, NJ | OCT 05 | CM-4/FP | ARMTEC, COACHELLA, CA | FEB 06 | FEB 08 | YES | |
| PROPELLANT, SINGLE BASE, M231 | | | | | | | | | | |
| FY 2005 | 812,000 | 4.00 | ARDEC, PICATINNY, NJ | OCT 04 | SS/OP | ALLIANT TECHSYSTEMS, RADFORD, VA | FEB 05 | MAR 06 | YES | |
| FY 2006 | 231,000 | 4.68 | ARDEC, PICATINNY, NJ | OCT 05 | SS/FP | TBD | FEB 06 | FEB 08 | YES | |
| IGNITION SYSTEM PROPELLANT | | | | | | | | | | |
| FY 2005 | 15,000 | 6.45 | ARDEC, PICATINNY, NJ | OCT 04 | C/FP | TBD | SEP 05 | MAR 06 | YES | |
| FY 2006 | 4,000 | 6.76 | ARDEC, PICATINNY, NJ | OCT 05 | C/OPTION | PRIMEX, ST MARKS, FL | FEB 06 | FEB 08 | YES | |
| LAP CONTAINERS | | | | | | | | | | |
| FY 2005 | 58,000 | 37.76 | ARDEC, PICATINNY, NJ | OCT 04 | C/OPTION | CONCO, LOUISVILLE, KY | MAY 05 | MAR 06 | YES | |
| FY 2006 | 17,000 | 45.08 | ARDEC, PICATINNY, NJ | OCT 05 | C/OPTION | CONCO, LOUISVILLE, KY | APR 06 | FEB 08 | YES | |
| | | | | | | | | | <u> </u> | |
| DA13, CHG, 155MM, M232, MOD ARTY CHG SYS | | | | | | | 1 | | 1 | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | 1 | | ļ | |
| FY 2005 | 148,000 | | ARDEC, PICATINNY, NJ | OCT 04 | SS/OP | AMERICAN ORDNANCE, MIDDLETON, IA | FEB 05 | FEB 07 | YES | |
| FY 2006 | 43,000 | 19.92 | ARDEC, PICATINNY, NJ | OCT 05 | SS/OP | AMERICAN ORDNANCE, MIDDLETON, IA | FEB 06 | DEC 08 | YES | - |
| COMBUSTIBLE CASE SETS | 150 000 | 25.00 | ADDEC DICAMINAL | oom o4 | OM 2 / PP | ADMITTED GOAGUELLA GA | EED OF | MAD OF | VIII C | |
| FY 2005 FY 2006 | 152,000 44,000 | 25.00 26.21 | ARDEC, PICATINNY, NJ ARDEC, PICATINNY, NJ | OCT 04 | CM-3/FP CM-4/FP | ARMTEC, COACHELLA, CA ARMTEC, COACHELLA, CA | FEB 05 | MAR 07 FEB 08 | YES YES | |
| PROPELLANT (M232 TRIPLE BASE) | 44,000 | 20.21 | ARDEC, PICALINNY, NJ | 001 05 | CM-4/ FP | ARMIEC, COACHELLA, CA | reb Ub | 7 LB U8 | IES | |
| EKOFEDDANI (MZ3Z IKIPLE BASE) | | | | | 1 | | 1 | | + | |
| FY 2005 | 740,000 | 10 00 | ARDEC, PICATINNY, NJ | OCT 04 | SS/OP | CANADIAN COMMERCIAL CORP, OTTAWA, CANADA | FEB 05 | MAR 07 | YES | |
| FY 2006 | 215,000 | | ARDEC, PICATINNY, NJ | OCT 05 | SS/FP | TBD | FEB 05 | FEB 08 | YES | |
| IGNITION SYSTEM/SPHERIODAL PROPELLANT | 213,000 | 10.10 | INDEC, IICHIINNI, NO | 001 03 | 55/12 | | 1 11 10 | 1110 00 | 110 | |
| FY 2005 | 9,000 | 6.00 | ARDEC, PICATINNY, NJ | OCT 04 | C/FP | PRIMEX, ST MARKS, FL | SEP 05 | MAR 07 | YES | |
| FY 2006 | 3,000 | | ARDEC, PICATINNY, NJ | OCT 05 | C/OPTION | PRIMEX, ST MARKS, FL | FEB 06 | FEB 08 | YES | |
| LAP CONTAINERS | 3,000 | 0.27 | | | 2, 22 22010 | .,, | 1 -2 00 | 1 2 33 | | |
| FY 2005 | 30,000 | 40.00 | ARDEC, PICATINNY, NJ | OCT 04 | C/OPTION | CONCO, LOUISVILLE, KY | MAY 05 | MAR 07 | YES | |
| FY 2006 | 9,000 | 41.93 | | OCT 05 | C/OPTION | CONCO, LOUISVILLE, KY | APR 06 | FEB 08 | YES | |
| · · · · · · · · · · · · · · · · · · · | ., | | 2, 22, 2.0 | † | 1 | , , | 1 | | 1 | t |

| Exhibit P-21, Pro | oduct | tion | Scl | hedu | ıle | | | | | | | | | Date | | | _ | | | | | | | | | | | | | |
|--------------------------|--------|----------|-----------------|--------|--------|-------|--------|--------|--------|--------|-----------|--------|-----------|--------|------|--------|----------|-------|--------|----------|--------|--------|-----------|--------|-----------|--------|--------|-----------|--------|------------------------|
| | | | | /a ' | | . , | | | | | | | | | UARY | | | | | | | | | | | | | | | |
| Appropriation Code/Bu | | | _ | | | | | | | | Wear | | | | | | m Non | | | | | | | | | | | | | |
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| | F | v | Т | E | A | C | 0 | E | A | E | A | P | A | U | U | U | E | C | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Y | С | Y | L | L | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | С | N | В | R | R | Y | N | L | G | P | L |
| DA13 | 2005 | _ | 148 | - | 0 | | | | | | | | | | | | | | | | | | | <u> </u> | <u> </u> | | | 1 | | 0 |
| | 2006 | MC1 | 43 | 0 | 43 | | | 43 | | | | | | | | | | | | | | | | | | | | | | 0 |
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| | | | | | | Fisc | al Ye | ar | | 2011 | | | | | | | | Fis | cal Y | ear? | _ | 2012 | | | | | | | | |
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| Item | F Y | V C | T Y | E L | A L | C T | 0 V | E | A N | E B | A R | P R | A Y | U N | U | U G | E P | C T | 0 V | E C | A N | E B | A R | P R | A Y | U N | U | U G | E P | A L |
| DA13 | 2005 | _ | 148 | | 0 | | | | 14 | | 10 | 10 | _ | | <u> </u> | | + - | <u> </u> | · | | 14 | | - 1 | - 10 | Ė | 14 | | | _ | 0 |
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| REMARKS: THIS DOES | NOT DEEL E | od 4000 | ADMVI | C DIIV | MUTA | II MAE | ם מוז ם | יטוד מי | י מידוער | CTOD ! | Q 1_0 | _ 5 DT | ODITO | TTON | ם אידיים | <u> </u> | 1 | <u> </u> | | 1 | <u> </u> | | 1 | 1 | 1 | <u> </u> | | | | |

| Exhibit P-40, Bu | udget I | Item Justi | fication | | | | Date: | | | |
|------------------------|-----------|---------------|----------------|--------------|---------------|--------------|---------------|---------|----------|---------|
| | | | | | | | FEBRUARY 200 | 6 | | |
| Appropriation Code/I | Budget A | ctivity/Seri | al Number: | | P-1 Item Nom | menclature: | | | | |
| Procurement of Ammunit | ion, Navy | and Marine Co | orps/2/Ammunit | ion | (147500) EXF | EDITIONARY F | FIGHTING VEHI | CLE | | |
| Program Element for | Code B | Items: | | Other Relate | ed Program El | ements | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | А | 2.462 | 5.662 | 9.529 | 29.137 | 26.490 | 15.769 | 16.147 | | 105.196 |

Description: DODIC AA65 (Formerly DODIC "B001"), the Target Practice - Tracer (TP-T) provides a low cost round to train and sustain Expeditionary Fighting Vehicle (EFV) crews in perishable gunnery skills. The TP-T round has an inert full-bore projectile which allows it to be fired at ranges and facilities without the concern of unexploded ordnance associated with High Explosive ammunition, nor the distance of flight issues associated with Armor Piercing Fin Stabilized Discarding Sabot-Tracer round (APFSDS-T).

DODIC AA89 (Formerly interim DODIC "B002"), The High Explosive - Tracer (HE-T) is the Expeditionary Fighting Vehicles (EFV's) main round. The HE is a full-bore hardened nose steel projectile filled with an explosive main charge with a mechnical base fuze. This round combines the strengths of a standard High Explosive round against the EFV's prime target (infantry) with the ability to penetrate soft to medium armor targets like light armored vehicles and fortified emplacements which are too "soft" for the Armor Piercing Fin Stablized Discarding Sabot - Traced (APFSDS-T) round or where an explosive effect is required. When fired against soft targets, the HE produces many, relatively small fragments producing lethality levels equal to a standard 30mm high explosive round. The combination of the hardened nose and a base fuze functioning with a slight delay, allows the HE to penetrate inside hardened targets.

DODIC B003 (Interim DODIC): The kinetic energy Armor Piercing Fin Stabilized Discarding Sabot - Tracer (APFSDS-T) round will be utilized by the Expeditionary Fighting Vehicle (EFV) to defeat extremely "hard" targets such as infantry fighting vehicles. The APFSDS-T round utilizes a long rod type of penetrator, which provides a highly effective means of deep penetration into materials such as metals (steel, RHA, etc.), concrete, ceramic, and other highly resistant target materials. Unlike most APFSDS-T rods which are made of Depleted Uranium (DU), these rods are fabricated from a hardened tungsten alloy, a high density "heavy metal" which produces significant penetration capabilities without the associated concerns of DU.

| Exhibit P-40a, Budget Item Justif. | icati | on for A | ggregate | d Items | | | | Date: | | |
|--|---------|----------|----------|------------|-------------|------------|-----------|------------|----------|--------------|
| | | | | | | | | FEBRUARY 2 | 2006 | |
| Appropriation Code/Budget Activity/Serial | Number | :: | | P-1 Item N | Iomenclatur | re: | | | | |
| Procurement of Ammunition, Navy and Marine Corps | /2/Ammu | nition | | (147500) E | EXPEDITIONA | RY FIGHTIN | G VEHICLE | | | |
| | ID | | | | | | | | То | |
| | Code | FY2005 | FY2006 | FY2007 | | | | | Complete | Total |
| AA89, CTG, 30MM HE-T | A | 0.922 | 0.102 | 3.489 | | | | | | 4.513 |
| QTY | | 10,317 | 1,121 | 37,645 | | | | | | 49,083 |
| | | | | | | | | | | |
| B003, CTG, 30MM APFSDS-T | A | 0.243 | 0.161 | 2.383 | | | | | | 2.787 |
| QTY | | 1,165 | 758 | 11,020 | | | | | | 12,943 |
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| P40a Total | | 1.165 | 0.263 | 5.872 | | | | | | |

| Exhibit P-5, Cost Analysis | Weapon Sy | ystem | | | Date: | | | | | | | |
|---|--|--------|----------|----------|------------|-----------|-----------|---------|-------|-------|-----|------|
| | <u> </u> | | | | FEBRUARY 2 | | | | | | | |
| Appropriation Code/Budget Activity/Serial | . Number: | | ID Code: | P-1 Line | Item Nome | nclature: | | | | | | |
| Procurement of Ammunition, Navy and Marine Corp | ps/2/Ammuni | tion | А | (147500) | EXPEDITION | NARY FIGH | HTING VEH | ICLE | | | | |
| | | FY05 | | | FY06 | | | FY07 | | | | |
| | Total | | Unit | Total | | Unit | Total | | Unit | Total | | Unit |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost |
| HARDWARE | | | | | | | | | | | | |
| AA65, CTG, 30MM TP-T | | | | | | | | | | | | |
| COMPLETE ROUND | 1.297 | 43,494 | 29.82 | 5.399 | 178,126 | 30.31 | 3.657 | 118,387 | 30.89 | | | |
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| TOTAL | 1.297 | | | 5.399 | | | 3.657 | | | | | |

| Exhibit P-5a, Procurem | ent Histo | ory and I | Planning | | Weapon Sys | stem | Date: FEBRUARY | 2006 | | |
|---------------------------------|--------------|-------------|----------------------|---------|------------|---------------------------|-------------------|----------|-----------|-----------|
| Annual stine Cala (Bulant A | | ! - 1 - NT1 | | D 1 T-1 | Item Nomer | | FEBRUARY | 2006 | | |
| Appropriation Code/Budget Ac | | | | | | | | | | |
| Procurement of Ammunition, Navy | and Marine C | orps/2/Ammu | nition | 1 | | NARY FIGHTING VEHICLE | | | ı | |
| | | | | RFP | Contract | | | Date of | Tech Data | |
| | | Unit | | Issue | Method | | Award | First | Available | |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| AA65, CTG, 30MM TP-T | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | |
| FY 2005 | 43,494 | | NSWC, DAHLGREN, VA | MAR 05 | C/FFP | ALLIANT TECH, RADFORD, VA | JAN 06 | OCT 06 | YES | |
| FY 2006 | 178,126 | 30.31 | CRANE AAP, CRANE, IN | MAR 05 | C/FFP | ALLIANT TECH, RADFORD, VA | MAR 06 | MAR 07 | YES | |
| FY 2007 | 118,387 | 30.89 | CRANE AAP, CRANE, IN | MAR 05 | C/FFP | ALLIANT TECH, RADFORD, VA | MAR 07 | MAR 08 | YES | |
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| Exhibit P-21, Pr | oduct | cion | Scł | hedu | ıle | | | | | | | | | Date | : | | | | | | | | | | | | | | | |
|-------------------------|---------|--------|--------|--------|--------|----------|--------|----------|--------|--------|----------|--------|----------|--------|------|--------|----------|--------|--------|--|-------|----------|--------|--------|-----------|------|----|--------|--------|--------|
| | | | | | | | | | | | | | | FEBR | UARY | 200 | 6 | | | | | | | | | | | | | |
| Appropriation Code/B | udget | Acti | vity, | /Seri | al N | umbe: | r: | | | | Wear | on | | P-1 | Line | Ite | m Non | nencl | atur | e: | | | | | | | | | | |
| Procurement of Ammuniti | on, Nav | y and | d Mari | ine Co | orps/ | 2/Amm | uniti | on | | | Syst | em | | (147 | 500) | DOD | IC: A | AA65, | CTG | , 301 | MM TF | $^{-}$ T | | | | | | | | |
| | | | | | | | | | PR | ODUCT | ION R | ATE | | | | |] | PROCUI | REMEN | T LEA | DTIME | S | | | | | | | | |
| | | Manu | factu | rer's | Name | | | | | | | | | ALT I | rior | to | ALT 2 | After | | Init | ial M | fg | Reor | der M | fg | | | Unit | of | |
| Item | | and : | Locat: | ion | | | | M | SR | EC | CON | М | AX | Oct 3 | L | | Oct : | 1 | | PLT | | | PLT | | | Tota | 1 | Meası | ıre | |
| AA65 | | 1 AL: | LIANT | TECH | , RAD | FORD, | VA | | 3 | 1 | 10 | 2 | 20 | | 16 | | | 6 | | | 9 | | | 12 | | 2 | 25 | | K | |
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| | | | | | | | | | Cale | ndar | Year | | 2005 | | | | | | | | Cale | ndar ' | Year | | 2006 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | F | M | A | М | J | J | A | S | 0 | N | D | J | F | М | A | M | J | J | A | S | В |
| | F | V | Т | E | A | С | 0 | E | A | E | A | P | A | U | U | U | E | C | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Y | C | Y | L | L | Т | V | C | N | В | R | R | Y | N | L | G | P | Т | V | С | N | В | R | R | Y | N | L | G | P | L |
| AA65 | 2005 | MC1 | 43.5 | 0 | 43.5 | <u> </u> | | <u> </u> | | | - | | <u> </u> | | | | - | | | | A | <u> </u> | | | <u> </u> | | | 1 | | 43.5 |
| | 2006 | MC1 | 178 | 0 | 178 | <u> </u> | | <u> </u> | | | - | | <u> </u> | | | | - | | | | | <u> </u> | A | | <u> </u> | | | 1 | | 178 |
| | 2007 | MC1 | 118 | 0 | 118 | | | | | | <u> </u> | | | | | | <u> </u> | | | | | | | | | | | | | 118 |
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| | F | S V | Q T | D E | B A | 0 C | N O | D E | J A | F E | M A | A P | M A | IJ | J | A U | S E | 0 | N O | D E | A | E | M A | A P | M A | J | IJ | A U | S E | B A |
| Item | Y | C | Y | L | L | Т | V | C | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| AA65 | 2005 | MC1 | 43.5 | 0 | 43.5 | | 10.9 | 10.9 | 10.8 | | | | | | | | | | | İ | | | | | | | | Ì | | 0 |
| | 2006 | MC1 | 178 | 0 | 178 | | | | | | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 13 | | | | | | | | 0 |
| | 2007 | MC1 | 118 | 0 | 118 | | | | | | А | | | Ì | | | | | | i i | | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 48 |
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| REMARKS: THIS DOES NOT | REFLECT | THE | ARMY' | 'S BU | YS WH | ICH M | AKE U | P THE | CONT | RACTO | R'S 1 | -8-5 | PRODU | JCTION | RATE | ES. | • | | | • | | • | | • | • | | • | • | | |

| Exhibit P-21, Pro | duct | ion | Scł | nedu | ıle, | Cor | ntin | ued | | | | | | Date | : | | | | | | | | | | | | | | | |
|---------------------------|-------|-------|--------|--------|--------|--------|-------|-------|-------|--------|-------|-------|------|--------|-------|------|----------|--------|-------|-------|-------|------|------|-------|------|------|----|---|-----|----------|
| | | | | | | | | | | | | | | FEBR | UARY | 200 | 6 | | | | | | | | | | | | | |
| Appropriation Code/Bud | lget | Acti | vity, | /Seri | al N | umbe: | r: | | | | Weap | on | | P-1 | Line | Ite | m Non | nencl | atur | e: | | | | | | | | | | |
| Procurement of Ammunition | | | | | | | | on | | | Syst | em | | (147 | 500) | DOD | IC: A | AA65, | CTG | , 301 | MM TF | P-T | | | | | | | | |
| | | | | | | | | | PR | ODUCT | ION R | ATE | | | | |] | PROCUI | REMEN | T LEA | DTIME | S | | | | | | | | |
| | | Manu | factu | rer's | Name | | | | | | | | | ALT I | rior | to | ALT I | After | | Init | ial M | fg | Reor | der M | fg | | | Unit | of | |
| Item | | and 1 | Locat | ion | | | | M | SR | EC | CON | М | AX | Oct 3 | L | | Oct : | 1 | | PLT | | | PLT | | | Tota | 1 | Measu | ıre | |
| AA65 | | 1 ALI | LIANT | TECH | , RAD | FORD, | VA | | 3 | 1 | .0 | 2 | 20 | | 16 | | | 6 | | | 9 | | | 12 | | 2 | 25 | 1 | K | |
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| | | | | | | Fis | cal Y | ear | | 2009 | | | | | | | | Fisc | cal Y | ear | | 2010 | | | | | | | | |
| | | | | | | | | | Cale | ndar ' | Year | | 2009 | | | | | - | | | Cale | ndar | | | 2010 | | | | | |
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| 1 | F | V | Т | E | A | С | 0 | E | A | E | A | P | A | U | U | U | E | С | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Y | C | Y | L | L | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| AA65 | 2005 | MC1 | 43.5 | 43.5 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | 2006 | MC1 | 178 | 178 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | 2007 | MC1 | 118 | 70 | 48 | 10 | 10 | 10 | 10 | 8 | | | | | | | | | | | | | | | | | | | | 0 |
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| | | | | | | Fis | cal Y | ear | | 2011 | | | | | | | | Fisc | cal Y | ear | | 2012 | | | | | | | | |
| | | | | | | • | | | Cale | ndar ` | Year | | 2011 | | | | | | | | Cale | ndar | Year | | 2012 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | F | M | A | M | J | J | A | S | 0 | N | D | J | F | М | A | M | J | J | A | S | В |
| | F | V | Т | E | A | C | 0 | E | A | E | A | P | A | U | U | U | E | C | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Υ | С | Y | L | L | T | V | С | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| AA65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | igspace | ! | — |
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| REMARKS: THIS DOES NOT R | EFLEC | T THE | E ARMY | r's bu | JYS WI | HICH I | MAKE | JP TH | E CON | TRACT | OR'S | 1-8-5 | PROI | OUCTIO | N RAT | ΓES. | | | | | | | | | | | | | | |

| Exhibit P-40, Bu | ıdget I | tem Justif | fication | | | | Date: | | | |
|------------------------|-----------|---------------|----------------|--------------|--------------|--------------|--------------|---------|----------|---------|
| | | | | | | | FEBRUARY 200 | 6 | | |
| Appropriation Code/E | Budget A | ctivity/Seria | al Number: | | P-1 Item Nom | enclature: | | | | |
| Procurement of Ammunit | ion, Navy | and Marine Co | rps/2/Ammuniti | ion | (150000) DEM | OLITION MUNI | TIONS, ALL T | /PES | | |
| Program Element for | Code B | Items: | | Other Relate | d Program El | ements | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | A | 15.120 | 5.822 | 8.282 | 0.034 | 21.321 | 0.097 | 19.135 | | 69.811 |

Description: The Combat Breacher Vehicle (CBV) is a full tracked armored combat engineer vehicle specifically designed for conducting in-stride and deliberate breaching of minefields and complex obstacles.

The Charge, Demolition Block M112 1-1/4 pound C-4 (DODIC M023) is a general-purpose demolition. It is suitable for underwater use and is particularly effective against steel, concrete, and timber. The charge may be detonated by electric blasting caps, non-electric blasting caps, or detonating cord. Composition C-4 is more powerful than TNT.

The Charge, Demolition Block Trinitrotoluene (TNT) 1-Pound (DODIC M032) is used for general demolition purposes and is primarily effective as a cutting or breaching charge, except for special steel-cutting charges.

The Charge, Demolition Cratering 40-Pound (DODIC M039) is an alternate to the standard ammonium nitrate cratering charge for the destruction of buildings, structures, and fortifications. The charge is composed of approximately 40-pound of H-6 explosive and a .43-pound A-5 composition booster. For explosive is a highly brisant explosive derived from the HBX family. A semicircular handle is also located on the top of the container for handling the charge or for attaching a line when lowering the charge in a hole.

The Cap, Blasting Electric M6 (DODIC M130) is used for initiating high explosives with a blasting machine or other suitable source of electric power. It is capable of detonating all standard military explosives.

The Cap, Blasting Non-Electric M7 (DODIC M131) is used to detonate high explosives and is initiated by time-blasting fuse. The M7 Blasting Cap consists of an aluminum alloy tube containing a base charge of RDX or PETN, a priming charge, and an ignition charge.

The Charge, Demolition Shaped M3 Series 40-Pound (DODIC M421) is used for penetrating metal, concrete, earth or other materials. This charge consists of approximately 30 lbs. of 50/50 pentolite or 28.3 lbs. of Composition B with a 1.7 lbs. 50/50-pentolite booster. The explosive charge is enclosed in a sheet steel container with a metal cavity liner and a detachable standoff frame assembly. The standoff frame assembly has three legs and is about 15 inches tall.

The Cord, Detonating, PETN Type I Class E (DODIC M456) is used to prime and detonate single or multiple explosive charges simultaneously. Detonating cord alone functions as an explosive charge. It is particularly useful for initiating charges placed in wet boreholes or underwater.

The Container, Demolition Charge MK7 Mod 1 (DODIC M477) is used as a form or mold in which plastic explosive can be pressed into a linear charge. The container consists of a mild steel body approximately 6.00 inches long and .22 inches wide. The container has a V-shaped cavity to mold the explosive linear charge. The charge is designed to snap together with other MK7 Mod 1 containers to form a charge of the required length.

| Exhibit P-40, Bu | ıdget I | Item Justi | fication, | Continued | | | Date: | | | |
|-------------------------|----------|----------------|-----------------|--------------|---------------|--------------|--------------|---------|----------|---------|
| | | | | | | | FEBRUARY 200 | 6 | | |
| Appropriation Code/E | Budget A | ctivity/Seri | al Number: | | P-1 Item Nom | enclature: | | | | |
| Procurement of Ammuniti | on, Navy | and Marine Con | rps/2/Ammunitio | on | (150000) DEM | OLITION MUNI | TIONS, ALL T | YPES | | |
| Program Element for | Code B | Items: | | Other Relate | ed Program El | ements | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | А | 15.120 | 5.822 | 8.282 | 0.034 | 21.321 | 0.097 | 19.135 | | 69.811 |

The Fuse, Blasting Time M700 (DODIC M670) consists of a black powder core encased in a dark green fiber wrapping that is covered with a waterproof plastic cover. It is marked with a single yellow band at 1-foot or 18-inch intervals and double yellow bands at 5-foot or 90-inch intervals. These markings are used to estimate the approximate lengths of fuse required for tactical situations.

The Charge, Assembly Demolition M183 Comp C-4 (DODIC M757) is used by assault demolition teams in general demolition operations such as reduction of small obstacles, cutting, breaching, and cratering. The M183 Charge Assembly consists of 16 M112 Demolition Blocks and 4 M15 Priming Assemblies. Each M112 block is composed of 1-1/4 pounds of Composition C-4. The M15 Priming Assembly is a 5-foot length of detonating cord with two plastic M1 Clips and 2 RDX boosters attached. The boosters, which are about ½" in diameter and 2-inches in length contain approximately 13.5 grains of RDX.

The Firing Device, Demolition Multi-Purpose M142 (DODIC ML03) is intended for use with antipersonnel mines and when setting up booby-traps using demolition charges. The device provides a simple means of mechanical initiation of booby-trap by pressure, pull, pressure release, or tension release. The basic component of the device is a mechanical switch designed for actuation by pressure, pull, pressure release, or tension release.

The Cutter, High Explosive MK24 Mod 0 (DODIC ML05) is used for cutting or disrupting techniques against ordnance items. The charge consists of a plastic case, stand, and a metal sight. The main charge is 70/30 octol. The charge can be set up for electrical or non-electrical initiation using standard blasting caps.

The Charge, Demolition Flexible 20 Gram Pentaerythritol Tetranitrate (PETN) MK140 Mod 0 (DODIC MM30) is intended to be used as an individual charge, or can be used as a booster for other charges. The charge can be used in all applications where demolitions are required.

The Charge, Demolition Flexible Linear Shaped 30 Grains Per Foot (DODIC MM41) is designed for fast and reliable cutting of materials. The DODIC MM41 will cut steel up to 0.06-inches thick or aluminum up to 0.11-inches thick. MM41 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.

The Charge, Demolition Flexible Linear Shaped 40 Grains Per Foot (DODIC MM42) is designed for fast and reliable cutting of materials. The DODIC MM42 will cut steel up to 0.05 inches thick, or aluminum up to 0.14 inches thick. MM42 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.

The Charge, Demolition Flexible Linear Shaped 60 Grains Per Foot (DODIC MM43) is designed for fast and reliable cutting of materials. The DODIC MM43 will cut steel up to 0.10-inches thick, or aluminum up to 0.16-inches thick. The DODIC MM43 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.

| Exhibit P-40, B | udget | Item Justi | fication, | Continued | l | | Date: | | | |
|------------------------|--|-----------------|----------------|--------------|--------------|--------------|--------------|---------|----------|---------|
| | | | | | | | FEBRUARY 200 | 06 | | |
| Appropriation Code/ | Budget 1 | Activity/Ser | ial Number: | | P-1 Item Nor | menclature: | | | | |
| Procurement of Ammunit | ion, Nav | y and Marine Co | orps/2/Ammunit | ion | (150000) DE | MOLITION MUN | ITIONS, ALL | TYPES | | |
| Program Element for | opriation Code/Budget Activity/Serial rement of Ammunition, Navy and Marine Corp. ram Element for Code B Items: ID Code FY 2005 | | | Other Relate | ed Program E | lements | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | А | 15.120 | 5.822 | 8.282 | 0.034 | 21.321 | 0.097 | 19.135 | | 69.811 |

The Charge, Demolition Flexible Linear Shaped 125 Grains Per Foot (DODIC MM45) is designed for fast and reliable cutting of materials. The DODIC MM45 will cut steel up to 0.13-inches thick, or aluminum up to 0.21-inches thick. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action. The charge contains 125 grains per foot of CH-6. The lead sheathing is blue/gray in color and is 6-feet long.

The Charge, Demolition Flexible Linear Shaped 225 Grains Per Foot (DODIC MM46) is designed for fast and reliable cutting of materials. The DODIC MM46 will cut steel up to 0.18-inches thick, or aluminum up to 0.31-inches thick. MM46 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.

The Charge, Demolition Flexible Linear Shaped 400 Grains Per Foot (DODIC MM47) is designed for fast and reliable cutting of materials. The DODIC MM47 will cut steel up to 0.20-inches thick or aluminum up to 0.41-inches thick. MM47 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.

The Charge, Demolition Low Hazard MK143 Mod 0 600 Grains Per Foot (DODIC MM51) is a continuous explosive core of plastic bonded explosive with a flexible copper-polymer liner. The charge is encased in lightweight olive drab polyethylene foam. The underside of the charge has an adhesive backed tape that adheres to most dry surfaces. This charge contains 600 grains per foot of a commercial plastic bonded explosive.

The Charge, Demolition Low Hazard Mk145 Mod 0 2400 Grains Per Foot (DODIC MM53) is a continuous explosive core of plastic-bonded explosive with a flexible copper-polymer liner. The charge is encased in lightweight olive drab polyethylene foam. The underside of the charge has an adhesive backed tape that adheres to most dry surfaces. This charge contains 2400 grains per foot of a commercial plastic bonded explosive.

The Detonator, Non-Electric MK123 Mod 0 (DODIC MM56) is used in place of the M7 Non-Electric Blasting Cap or the M6 Electric Blasting Cap. It is used where a non-electric waterproof application is desired. The system consists of a dual non-fragmenting 100-foot, co-extruded, olive drab, plastic polyethylene pyrotechnic lead (shock tube) containing less than 0.1 grains per foot of HMX with two factory crimped M7 Detonators.

The Canine Explosive Scent Kit (DODIC MN01) is composed of different samples of common explosives used to train dogs to detect explosives. The samples are packaged in individual containers. The types of explosives can vary based on the type of training being conducted. These samples may be of dynamite, time-safety fuze, C4, TNT, detonating cord, smokeless powder, and water gel explosive.

| Exhibit P-40, Budget Ite | em Just | tification | , Continue | ed | | | Date: | | | | |
|-----------------------------------|-----------|-----------------|------------|--------------|---------------|--------------|--------------|---------|---|----------|---------|
| | | | | | | | FEBRUARY 200 | 16 | | | |
| Appropriation Code/Budget Act | ivity/Se | erial Number: | | | P-1 Item Non | menclature: | | | | | |
| Procurement of Ammunition, Navy a | nd Marine | e Corps/2/Ammur | nition | | (150000) DEM | OLITION MUNI | TIONS, ALL T | YPES | | | |
| Program Element for Code B It | ems: | | | Other Relate | ed Program El | ements | | | | | |
| | | | | | | | | | | | |
| | ID | | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | | Complete | Program |
| Proc Qty | | | | | | | | | | | |
| Gross Cost | А | 15.120 | 5.822 | 8.282 | 0.034 | 21.321 | 0.097 | 19.135 | | | 69.81 |
| m1 1401 1 1 m 1 G 1 | 1311 | | | | 1 . 1 | | | | 1 | C . / | |

The M81 with Shock Tube Capability (DODIC MN08) is a small plastic tube with a pull ring on a thin rod projecteing from one end, a safety (cotter) pin that goes laterally through the tube and a screw cap that secures a holding mechanism for the fuze or shock tube on the other end.

The Firing Device, Handheld (Inert) MK 54 MOD 0 (DODIC MN14) consists of two stainless steel cylindrical assemblies connected by a trigger mechanism. A secondary safety pin is inserted through the assemblies. The firing ends of the assemblies are internally threaded to receive the applicable pyrotechnic lead initiator. Each assembly contains a spring-loaded firing pin that can be recocked by the sear lever on the trigger mechanism. The MK 54 MOD 0 is used to initiate the MK23, MK24 and MK25 MODS pyrotechnic lead initiators.

The Detonator, Non-Electric MK154 (DODIC MN52) is used in place of the M7 Non-Electric Blasting Cap or the M6 Electric Blasting Cap. It is used where a non-electric waterproof application is desired. The system consists of a dual non-fragmenting 100-foot, co-extruded, olive drab, plastic polyethylene pyrotechnic lead (shock tube) containing less than 0.1 grains per foot of HMX with two factory crimped M7 Detonators.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

FY06 funding includes \$3.5M in Title IX funds.

| DODIC / Description | FY05 Supplemental Dollars Received |
|--|---|
| Det Cord, M456 | 1.425 |
| M670, Time Fuse | 1.240 |
| M131, Blasting Cap | 3.019 |
| MN08, Igniter | 3.479 |
| Total Demolition Munitions, All Types | 9.163 |

| Exhibit P-40a, Budget Item Justif | icati | on for A | ggregate | d Items | | | | | Date: | 2006 | |
|--|--------|----------|----------|------------|------------|------------|-----------|----------|------------|----------|-------|
| Appropriation Code/Budget Activity/Serial | Number | ·: | | P-1 Item N | Nomenclatu | re: | | | FEBRUARY : | 2006 | |
| Procurement of Ammunition, Navy and Marine Corps | | | | | | MUNITIONS, | ALL TYPES | 3 | | | |
| | ID | | | (====== | | | | <u> </u> | | То | |
| | Code | FY2005 | FY2006 | FY2007 | | | | | | Complete | Total |
| CBV1, COMBAT BREACHER VEHICLE | А | 0.009 | 0.000 | 0.000 | | | | | | | |
| QTY | | 0 | 0 | 0 | | | | | | | |
| | | | | | | | | | | | |
| M477, EOD DEVICE, MK 7 MOD 1 | A | 0.000 | 0.002 | 0.000 | | | | | | | |
| QTY | | 0 | 142 | 0 | | | | | | | |
| | | | | | | | | | | | |
| ML05, CUTTER POWDER ACTUATED MK24 | A | 0.000 | 0.077 | 0.000 | | | | | | | |
| QTY | | 0 | 148 | 0 | | | | | | | |
| | | | | | | | | | | | |
| MM30, CHARGE, FLEXIBLE 20 GRAM | A | 0.000 | 0.000 | 0.010 | | | | | | | |
| QTY | | 0 | 0 | 3,875 | | | | | | | |
| | | | | | | | | | | | |
| MM41, CHARGE, DEMO FLSC 30 GR/FT | A | 0.000 | 0.012 | 0.012 | | | | | | | |
| QTY | | 0 | 250 | 250 | | | | | | | |
| | | | | | | | | | | | |
| MM42, CHARGE, DEMO FLSC 40 GR/FT | A | 0.000 | 0.027 | 0.036 | | | | | | | |
| QTY | | 0 | 643 | 856 | | | | | | | |
| | | | | | | | | | | | |
| MM43, CHARGE, DEMO FLSC 60 GR/FT | A | 0.000 | 0.009 | 0.000 | | | | | | | |
| QTY | | 0 | 221 | 0 | | | | | | | |
| | | | | | | | | | | | |
| MM45, CHARGE, DEMO FLSC 125 GR/FT | А | 0.000 | 0.000 | 0.325 | | | | | | | |
| QTY | | 0 | 0 | 7,010 | | | | | | | |
| | | | | | | | | | | | |
| MM46, CHARGE, DEMO FLSC 225 GR/FT | A | 0.000 | 0.000 | 0.058 | | | | | | | |
| QTY | | 0 | 0 | 732 | | | | | | | |
| | | | | | | | | | | | |
| MM47, CHARGE, DEMO FLSC 400 GR/FT | A | 0.000 | 0.052 | 0.283 | | | | | | | |
| QTY | | 0 | 1,029 | 5,441 | | | | | | | |
| | | | | | | | | | | | |
| Subtotal | | 0.009 | 0.179 | 0.724 | | <u> </u> | | <u> </u> | | | |

| Exhibit P-40a, Budget Item Justif | icati | on for A | ggregate | d Items | | | | | Date: | 2006 | |
|--|--------|----------|----------|-------------|-------------|-----|-----------|---|------------|----------|-------|
| Appropriation Code/Budget Activity/Serial | Number | ·: | | P-1 Item N | Nomenclatur | re: | | | FEBRUARY 2 | 2006 | |
| Procurement of Ammunition, Navy and Marine Corps | | | | | DEMOLITION | | ALL TYPES | 3 | | | |
| | ID | | | , , , , , , | | | | | | То | |
| | Code | FY2005 | FY2006 | FY2007 | | | | | | Complete | Total |
| MM51, CHARGE, DEMO FLSC 600 GR/FT | A | 0.000 | 0.017 | 0.130 | | | | | | | |
| QTY | | 0 | 631 | 4,786 | | | | | | | |
| | | | | | | | | | | | |
| MM53, CHARGE, DEMO FLSC 2400 GR/FT | А | 0.000 | 0.000 | 0.007 | | | | | | | |
| QTY | | 0 | 0 | 188 | | | | | | | |
| | | | | | | | | | | | |
| MM56, DET, PERCUSSION 175MS DELAY | А | 0.000 | 0.460 | 0.791 | | | | | | | |
| QTY | | 0 | 5,000 | 8,347 | | | | | | | |
| | | | | | | | | | | | |
| MN01, CANINE SCENT KIT | А | 0.000 | 0.000 | 0.034 | | | | | | | |
| QTY | | 0 | 0 | 42 | | | | | | | |
| | | | | | | | | | | | |
| MN14, DUAL FIRING DEVICE MK54 | А | 0.000 | 0.004 | 0.006 | | | | | | | |
| QTY | | 0 | 10 | 16 | | | | | | | |
| | | | | | | | | | | | |
| MN52, DETONATOR, NON-ELECTRIC MK154 | A | 1.000 | 0.000 | 0.000 | | | | | | | |
| QTY | | 9,618 | 0 | 0 | | | | | | | |
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| | | | | | | | | | | | |
| Subtotal | | 1.000 | 0.481 | 0.968 | | | | | | | |
| P40a Total | | 1.009 | 0.660 | 1.692 | | | | | | | |

| Exhibit P-5, Cost Analysis | Weapon S | ystem | | | Date: | | | | | | | |
|---|------------|-----------|----------|----------|------------|-----------|-----------|---------|--------|-------|-----|------|
| | | | | | FEBRUARY 2 | 006 | | | | | | |
| Appropriation Code/Budget Activity/Serial | Number: | | ID Code: | P-1 Line | Item Nome | nclature: | | | | | | |
| Procurement of Ammunition, Navy and Marine Corp | s/2/Ammuni | tion | A | (150000) | DEMOLITION | N MUNITIO | NS, ALL I | YPES | | | | |
| | | FY05 | | | FY06 | | | FY07 | | | | |
| | Total | | Unit | Total | | Unit | Total | | Unit | Total | | Unit |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost |
| HARDWARE | | | | | | | | | | | | |
| M023, CHARGE, DEMO BLOCK 1 1/4LB C-4 | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | 0.238 | 24,668 | 9.68 | | | |
| COMP C-4 CLASS 3(LB) | | | | | | | 0.272 | 32,562 | 8.35 | | | |
| M032, CHARGE, DEMO BLOCK 1 LB TNT | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 0.566 | 81,456 | 6.95 | 0.583 | 61,516 | 9.49 | | | | | | |
| *TNT TYPE I FLAKE (LB) | 0.132 | 59,400 | 2.22 | 0.137 | 62,993 | 2.17 | | | | | | |
| TNT TYPE I FLAKE (LB) | 0.053 | 24,011 | 2.22 | 3.137 | 32,000 | 2,1/ | | | | | | |
| THE TENENT (DD) | 0.055 | 21,011 | 2.22 | | | | | | | | | |
| M039, CHARGE, DEMO 40 LB CRATERING | | | | Ì | | | | | | | | Ì |
| LOAD, ASSEMBLE & PACK (LAP) | | | | 1 | | | 0.163 | 652 | 250.10 | | | Ì |
| *COMP D-2 (LB) | | | | | | | 0.011 | 1,304 | 8.22 | | | |
| *COMP A-5 CLASS 1 (LB) | | | | | | | 0.002 | 333 | 5.46 | | | |
| *COMP B TYPE I GRADE A (LB) | | | | | | | 0.050 | 18,908 | 2.67 | | | |
| ALUMINUM POWDER (LB) | | | | | | | 0.007 | 5,216 | 1.26 | | | |
| TNT TYPE I FLAKE (LB) | | | | | | | 0.019 | 7,824 | 2.39 | | | |
| | | | | | | | | | | | | |
| M130, CAP, BLASTING ELECTRIC | | | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| M131, CAP, BLASTING NON-ELECTRIC* | | | | | | | | | | | | |
| COMPLETE ROUND | 4.626 | 1,242,360 | 3.72 | | | | 0.253 | 54,239 | 4.67 | | | |
| | | | | | | | | | | | | |
| M421, CHARGE, DEMO SHAPED 40 LB | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | 0.440 | 789 | 557.22 | | | |
| *COMP B TYPE I GRADE A (LB) | | | | | | | 0.065 | 24,495 | 2.67 | | | |
| COMP A-3 (LB) | | | | | | | 0.001 | 90 | 10.59 | | | |
| TNT TYPE I FLAKE (LB) | | | | | | | 0.024 | 9,798 | 2.39 | | | |
| M456, CORD, DETONATING PETN* | | | | | | | | | | | | |
| COMPLETE ROUND | 1.411 | 4,256,000 | 0.33 | | | | | | | | | |
| | | | | | | | | | | | | |
| M670, FUZE, BLASTING TIME | | | | | | | | | | | | |
| COMPLETE ROUND | 0.903 | 3,924,000 | 0.23 | | | | | | | | | |
| | | | | | | | | | | | | |
| M757, CHARGE, ASSEMBLY DEMOLITION | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | 2.588 | 6,837 | 378.50 | | | |
| COMP C-4 CLASS 3(LB) | | | | | | | 1.206 | 144,398 | 8.35 | | | |
| | | | | | | | | | | | | |
| *UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| SUB TOTAL | 7.691 | | | 0.720 | | | 5.339 | | | | | |
| | | | | | | | | | | | | _ |

| Exhibit P-5, Cost Analysis | | | Date: | | | | | | | | | |
|---|-----------------|---------|--|----------------|------------|-----------|----------------|---------|------|-------|-----|--|
| Continued | Weapon S | | | | FEBRUARY 2 | 1006 | | | | | | |
| Appropriation Code/Budget Activity/Serial | Number: | | ID Code: | P-1 Line | Item Nome | nclature: | : | | | | | |
| Procurement of Ammunition, Navy and Marine Corp | | tion | A | (150000) | DEMOLITION | N MUNITIC | NS, ALL | TYPES | | | | |
| | | FY05 | | | FY06 | | | FY07 | | | | |
| | Total | | Unit | Total | | Unit | Total | | Unit | Total | | Unit |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost |
| | | | | | | | | | | | | |
| ML03, FIRING DEVICE, DEMO MULTIPURPOSE | | | | 0.460 | 10.500 | 45.00 | | | | | | |
| COMPLETE ROUND | | | | 0.169 | 10,683 | 15.90 | | | | | | |
| MN08, IGNITER, TIME FUZE BLASTING* | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 5.199 | 970,686 | 5.36 | 4.243 | 773,550 | 5.49 | 0.573 | 102,304 | 5.60 | | | |
| | | | | | | | | | | | | |
| PRODUCT | | | | | | | | | | | | |
| PRODUCTION ENGINEERING | 0.818 | | | 0.008 | | | 0.797 | | | | | |
| QUALITY ASSURANCE | 0.033 | | | 0.022 | | | 0.010 | | | | | <u> </u> |
| NONDEGUED TAG | | | | | | | | | | | | |
| NONRECURRING | 0 415 | | | | | | | | | | | |
| CONTINGENCY GOVERNMENT FURNISHED MATERIAL | 0.415 -0.053 | | | | | | -0.129 | | | | | |
| M19A1 TESTING | 0.008 | | | | | | -0.129 | | | | | |
| MIJAT THOTING | 0.000 | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| *UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS | | | | | | | | | | | | |
| | | | | | | | | | | | | <u> </u> |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | ├ |
| CUID TOTAL | C 400 | | | A 440 | | | 1 051 | | | | | |
| SUB TOTAL TOTAL | 6.420 14.111 | | - | 4.442 5.162 | | | 1.251 6.590 | | | | | |
| TOTAL | 14.111 | | | 5.162 | | | 0.590 | | | | | |

| Exhibit P-5a, Procurement | History | and Pi | lanning | | Weapon Sys | stem | Date: | | | |
|---------------------------------------|-------------|-----------|----------------------|----------|------------|----------------------------------|----------|----------|-----------|-----------|
| | | | | | | | FEBRUARY | 2006 | | |
| Appropriation Code/Budget Activi | ty/Serial | Number: | | P-1 Line | Item Nome | nclature: | • | | | |
| Procurement of Ammunition, Navy and M | Marine Corp | s/2/Ammun | ition | (150000) | DEMOLITION | N MUNITIONS, ALL TYPES | | | | |
| | | | | RFP | Contract | | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | Revisions |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| M023, CHARGE, DEMO BLOCK 1 1/4LB C-4 | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2007 | 24,668 | 9.68 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FFP | AMERICAN ORDNANCE, MILAN, TN | JUN 07 | JUN 08 | NO | |
| COMP C-4 CLASS 3(LB) | , | | , | | | | | | | |
| FY 2007 | 32,562 | 8.35 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FFP | BAE HOLSTON AAP, KINGSPORT, TN | JUN 07 | JUN 08 | NO | |
| | | | | | | | | | | |
| M032, CHARGE, DEMO BLOCK 1 LB TNT | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 81,456 | 6.95 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FP | AMTECH CORP JANESVILLE, WI | FEB 05 | MAY 05 | YES | |
| FY 2006 | 61,516 | 9.49 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FP | UNKNOWN | MAR 06 | JAN 07 | YES | |
| *TNT TYPE I FLAKE (LB) | | | | | | | | | | |
| FY 2005 | 59,400 | 2.22 | JMC, ROCK ISLAND, IL | UNKNOWN | C/OPTION | ALLIANT TECH, RADFORD, VA | MAR 05 | APR 05 | YES | |
| FY 2006 | 62,993 | 2.17 | JMC, ROCK ISLAND, IL | UNKNOWN | C/OPTION | ALLIANT TECH, RADFORD, VA | JUL 06 | NOV 06 | YES | |
| TNT TYPE I FLAKE (LB) | | | | | | | | | | |
| FY 2005 | 24,011 | N/A | JMC, ROCK ISLAND, IL | UNKNOWN | N/A | STOCK ISSUE | FEB 05 | MAY 05 | YES | |
| | | | | | | | | | | |
| M039, CHARGE, DEMO 40 LB CRATERING | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2007 | 652 | 250.10 | JMC, ROCK ISLAND, IL | UNKNOWN | SS/FP | AMERICAN ORDNANCE, MIDDLETON, MO | DEC 06 | DEC 07 | YES | |
| *COMP D-2 (LB) | | | | | | | | | | |
| FY 2007 | 1,304 | N/A | JMC, ROCK ISLAND, IL | UNKNOWN | N/A | STOCK ISSUE | DEC 06 | DEC 07 | YES | |
| *COMP A-5 CLASS 1 (LB) | | | | | | | | | | |
| FY 2007 | 333 | N/A | JMC, ROCK ISLAND, IL | UNKNOWN | N/A | STOCK ISSUE | DEC 06 | DEC 07 | YES | |
| *COMP B TYPE I GRADE A (LB) | | | | | | | | | | |
| FY 2007 | 18,908 | N/A | JMC, ROCK ISLAND, IL | UNKNOWN | N/A | STOCK ISSUE | DEC 06 | DEC 07 | YES | |
| ALUMINUM POWDER (LB) | | | | | | | | | | |
| FY 2007 | 5,216 | 1.26 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FP | UNKNOWN | DEC 06 | DEC 07 | YES | |
| TNT TYPE I FLAKE (LB) | | | | | | | | | | |
| FY 2007 | 7,824 | 2.39 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FP | UNKNOWN | DEC 06 | DEC 07 | YES | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| Exhibit P-5a, Procurement | History | and P | lanning | | Weapon Sys | stem | Date: | | | |
|---------------------------------------|---------------|-----------|----------------------|----------|------------|--|----------|----------|-----------|-----------|
| | | | | | | | FEBRUARY | 2006 | | |
| Appropriation Code/Budget Activi | ty/Serial | Number: | | P-1 Line | Item Nomer | nclature: | | | | |
| Procurement of Ammunition, Navy and M | Marine Corps/ | 2/Ammunit | ion | (150000) | DEMOLITION | MUNITIONS, ALL TYPES | | | | |
| | | | | RFP | Contract | | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| | ~-2 | | | | 11 | | | 1 | | |
| M131, CAP, BLASTING NON-ELECTRIC | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | |
| FY 2005 | 1,242,360 | 3.72 | JMC, ROCK ISLAND, IL | UNKNOWN | C/OPTION | TECHNICAL ORDNANCE, ST. BONIFACIUS, M | DEC 04 | NOV 06 | YES | |
| FY 2007 | 54,239 | 4.67 | JMC, ROCK ISLAND, IL | UNKNOWN | C/OPTION | TECHNICAL ORDNANCE, ST. BONIFACIUS, MI | MAR 07 | JAN 08 | YES | |
| | | | | | | | | | | |
| M421, CHARGE, DEMO SHAPED 40 LB | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2007 | 789 | 557.22 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FP | UNKNOWN | MAR 07 | JAN 08 | YES | |
| *COMP B TYPE I GRADE A (LB) | | | | | | | | | | |
| FY 2007 | 24,495 | N/A | JMC, ROCK ISLAND, IL | UNKNOWN | N/A | STOCK ISSUE | MAR 07 | JAN 08 | YES | |
| COMP A-3 (LB) | | | | | | | | | | |
| FY 2007 | 90 | 10.59 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FP | UNKNOWN | MAR 07 | JUL 07 | YES | |
| TNT TYPE I FLAKE (LB) | | | | | | | | | | |
| FY 2007 | 9,798 | 2.39 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FP | UNKNOWN | MAR 07 | AUG 07 | YES | |
| | | | | | | | | | | |
| M456, CORD, DETONATING PETN | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | |
| FY 2005 | 4,256,000 | 0.33 | JMC, ROCK ISLAND, IL | UNKNOWN | CM-2 FP | ENSIGN-BICKFORD, SIMSBURY, CT | DEC 04 | JUL 06 | YES | |
| | | | | | | | | | | |
| M670, FUZE, BLASTING TIME | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | |
| FY 2005 | 3,924,000 | 0.23 | JMC, ROCK ISLAND, IL | UNKNOWN | C/FP | ENSIGN-BICKFORD, SIMSBURY, CT | SEP 05 | NOV 06 | YES | |
| | | | | | | | | | | |
| M757, CHARGE, ASSEMBLY DEMOLITION | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2007 | 6,837 | 378.50 | JMC, ROCK ISLAND, IL | UNKNOWN | SS/FP | CRANE AAA, CRANE, IN | MAR 07 | MAR 08 | YES | |
| COMP C-4 CLASS 3(LB) | | | | | | | | | | |
| FY 2007 | 144,398 | 8.35 | JMC, ROCK ISLAND, IL | UNKNOWN | SS/FP | BAE HOLSTON AAP, KINGSPORT, TN | MAR 07 | AUG 07 | YES | |
| | | | | | | | | | | |
| ML03, FIRING DEV, DEMO MULTIPURPOSE | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | |
| FY 2006 | 10,683 | 15.90 | ARDEC, PICATINNY, NJ | UNKNOWN | C/FP | UNKNOWN | JAN 06 | JAN 07 | YES | |
| | | | | | | | | | | |
| MN08, IGNITER, TIME FUZE BLASTING | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 970,686 | 5.36 | ARDEC, PICATINNY, NJ | OCT 04 | C/OPTION | MAST TECHNOLOGIES, LAKE CITY, KS | JUN 05 | SEP 05 | YES | |
| FY 2006 | 773,550 | 5.49 | ARDEC, PICATINNY, NJ | OCT 04 | C/OPTION | MAST TECHNOLOGIES, LAKE CITY, KS | JUN 06 | DEC 06 | YES | |
| FY 2007 | 102,304 | 5.60 | ARDEC, PICATINNY, NJ | OCT 04 | C/OPTION | MAST TECHNOLOGIES, LAKE CITY, KS | MAR 07 | DEC 07 | YES | |
| | | | | | | | | | | |

| Exhibit P-21, P | roduc | tion | Sc] | hedı | ıle | | | | | | | | | Date | | | _ | | | | | | | | | | | | | |
|------------------------|---------|--------|--------|--------|--------|--------|-------|-------|--------|--------------|-----------|--------|-----------|----------|-------|--------|--|-------|--------|--------|--------|----------------|-----------|--------|-----------|----------|----|----------|----------|----------|
| | | | | | | | | | | | T | | | | UARY | | | | | | | | | | | | | | | |
| Appropriation Code/ | | | _ | | | | | | | | Wear | | | | | | m Non | | | | | | | | | | | | | |
| Procurement of Ammunit | ion, Na | vy and | d Mar | ine C | orps/ | 2/Amm | uniti | on | | | Syst | | | (150 | 000) | DOD | IC: N | | | | | | N-EL | ECTR: | IC | | | | | |
| | | 1 | | | | | | | PRO | ODUCT | ION R | ATE | | | | | • | | | T LEA | | | | | | | | | | |
| | | | | | Name | | | | | | | | | | Prior | to | | After | | | ial M | Eg | Reor | der M | fg | | | Unit | | |
| Item | | - | Locat | | | | | M | SR | EC | CON | M | AX | Oct : | l | | Oct : | 1 | | PLT | | | PLT | | | Tota | 1 | Meas | ure | |
| | | 1 ' | | | ORDNA | | ST. | | 0.0 | | 0.5 | | | | _ | | | | | | 0.0 | | | | | | | | | |
| M131 | | | ВС | MIFA | CIUS, | IMIN | | 0. | 03 | 0. | .06 | 0. | 12 | | 6 | | | 2 | | | 23 | | | 10 | | - | 25 | +- | М | |
| | | 2 ' | | | ORDNA | | ST. | | 0.0 | | 0.5 | | | | _ | | | _ | | | | | | | | | | | | |
| | | | ВС | NIFA | CIUS, | MN | | 0. | 03 | 0. | .06 | 0. | 12 | | 6 | | | 6 | | | | | | 10 | |] | L6 | ₩ | М | |
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| | | | | | | | | | | 0005 | | | | <u> </u> | | | | | | | | 2006 | | | | <u> </u> | | Ь | | |
| | | | | | | F1S0 | cal Y | ear | Co.1 - | 2005 ndar | | | 2005 | | | | | Fis | cal Y | ear | Co.1 - | 2006 ndar ' | V05 | | 2006 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | ndar F | Year M | A | 2005 M | J | J | A | S | 0 | N | D | J | r F | rear M | А | 2006 M | J | J | A | S | В |
| | F | V | T | E | A | C | 0 | E | A | E | A | P | A A | U | Ū | U | E | C | 0 | E | A | E | A | P | A | U | Ū | U | E | A |
| Item | Y | C | Y | L | L | Т | V | C | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| M131 | 2005 | MC1 | 1.24 | C | 1.24 | | | A | | | | | | | | | | | | | | | | | | | | | | 1.24 |
| | 2007 | MC2 | 0.05 | C | 0.05 | | | | | | | | | | | | | | | | | | | | | | | | | 0.05 |
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| | | | | | | Fis | cal Y | ear | | 2007 | | | | | | | | Fis | cal Y | ear | 1 | 2008 | | | | | | | | |
| | - | 1 | | | | | | | | ndar | | 1 | 2007 | | | | | 1 | 1 | 1 | | ndar ' | | | 2008 | | | | | |
| | _ | S | Q | D | В | 0 | N | D | J | F | M | A | M | J | J | A U | S | 0 | N O | D | J | F | M | A | M | J | IJ | A U | S | В |
| Item | F Y | V C | T Y | E L | A L | C T | 0 | E | A N | E B | A R | P R | A Y | N | U | G | E P | Т | V | E C | A N | E B | A R | P R | A Y | N | L | G | E P | A L |
| M131 | 2005 | MC1 | 1.24 | - 0 | 1.24 | Ė | 0.10 | 0.06 | 0.10 | 0.11 | 0.11 | 0.08 | 0.10 | _ | 0.10 | 0.10 | <u> </u> | 0.10 | | Ŭ | | Ť | <u> </u> | | Ť | <u> </u> | Ť | Ť | Ė | 0 |
| | 2007 | MC2 | 0.05 | 0 | 0.05 | | | | | 1 | A | | | 1 | | 1 | 1 | 1.20 | 1 | | 0.05 | | | | | | 1 | † | | 0 |
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| REMARKS: THIS DOES NO | T REFLE | CT THI | E ARM | Y'S B | UYS W | HICH I | MAKE | UP TH | E CON | TRACT | OR'S | 1-8-5 | PROI | DUCTIO | N RAT | res. | 1 | 1 | 1 | 1 | | | 1 | 1 | <u> </u> | <u> </u> | | | | <u> </u> |

| Exhibit P-21, P | roduc | tion | Scł | nedu | le | | | | | | | | | Date | : | | | | | | | | | | | | | | | |
|-----------------------|----------|----------|--------|----------|--------|-------|-------|-------|------|--|--------|----------|-----------|----------|----------|------|----------|--------|-------|-------|-------|--------|------|----------|-----------|------|------|------|----------|-------|
| | | | | | | | | | | | | | | FEBR | RUARY | 200 | 6 | | | | | | | | | | | | | |
| Appropriation Code | Budget | Acti | vity, | /Seri | al Nu | ımber | : | | | | Wear | on | | P-1 | Line | Ite | m No | mencl | atur | e: | | | | | | | | | | |
| Procurement of Ammuni | cion, Na | vy and | d Mari | ine Co | orps/2 | /Ammu | nitio | n | | | Syst | em | | (150 | 000) | DOD | IC: I | MN08, | IGN | ITER, | TIM | IE FU | ZE B | LAST] | ING | | | | | |
| | | | | | | | | | PR | ODUCT | CION R | ATE | | | | | | PROCU. | REMEN | T LEA | DTIME | S | | | | | | | | |
| | | Manu | factu | rer's | Name | | | | | | | | | ALT | Prior | to | ALT | After | | Initi | lal M | fg | Reor | der M | fg | | | Unit | of | |
| Item | | and | Locat: | ion | | | | M | SR | E | CON | М | AX | Oct | 1 | | Oct | 1 | | PLT | | | PLT | | | Tota | 1 | Meas | ıre | |
| | | | | CHNOL | OGIES, | LAKE | | | | | | | | | | | | | | | | | | | | | | | | |
| MN08 | | CITY | | OTPTOT A | 00770 | | | 0 | .3 | C | 1.6 | 0. | . 75 | | 6 | | - | 8 | | | 3 | | | 9 | | 1 | .2 | - | K | |
| | | | ST TEC | CHNOL | OGIES, | LAKE | | 0 | . 3 | (| 0.6 | 0 | .75 | | 6 | | | 8 | | | | | | 6 | | 1 | 4 | | K | |
| | | | | CHNOL | OGIES, | LAKE | | Ť | | | | | | | | | 1 | | | | | | | | | _ | - | | | |
| | | CITY | | | | | | 0 | . 3 | C | 1.6 | 0. | . 75 | | 6 | | | 5 | | | | | | 9 | | 1 | .4 | | K | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | Fisc | al Ye | ear | | 2005 | | | | | | | | Fis | cal Y | ear | | 2006 | | | | | | | | |
| | | | | | | | | | Cale | ndar | Year | | 2005 | | | | | | | | Caler | ndar ' | Year | | 2006 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | F | М | A | М | J | J | A | S | 0 | N | D | J | F | М | A | М | J | J | A | S | В |
| | F | V | Т | E | A | C | 0 | E | A | E | A | P | A | U | U | U | E | C | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Y | C | Y | L | L | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| MN08 | 2005 | MC1 | 0.971 | 0 | 0.971 | | | - | | | 1 | - | - | A | - | 1 | 0.071 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 1.9 | | 0 |
| | 2006 | 1 | 0.774 | 0 | 0.774 | | | - | | | 1 | | | | | | - | - | | | | | | | | A | | | | 0.774 |
| | 2007 | MC3 | 0.102 | 0 | 0.102 | | | - | | | 1 | | | | | | - | - | | | | | | | | | | | | 0.102 |
| | | | | | | | | | | | | | | | | | - | | | | | | | | | | | | | |
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| | | <u> </u> | | | | mi | 7 37. | | | 2007 | | <u> </u> | | <u> </u> | | | <u> </u> | T12 - | cal Y | | | 2008 | | <u> </u> | | | | | <u> </u> | |
| | | | | | | FISC | al Ye | ear | Colo | 2007 ndar | | | 2007 | | | | | FIS | cal r | ear | Color | | Voon | | 2008 | | | | | |
| | | S | Q | D | В | 0 | N | D | J | ndar F | M | A | 2007 M | J | J | A | S | 0 | N | D | J | ndar : | M | A | 2008 M | J | J | A | S | В |
| | F | v | T | E | A | C | 0 | E | A | E | A | P | A | Ū | Ū | U | E | C | 0 | E | A | E | A | P | A | U | U | U | E | A |
| Item | Υ | C | Y | L | L | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| MN08 | 2005 | MC1 | 0.971 | 0.971 | . 0 | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | 2006 | MC2 | 0.774 | 0 | 0.774 | | | 0.57 | 0.57 | 0.57 | 0.57 | 0.57 | 0.57 | 0.57 | 0.57 | 0.57 | 0.57 | 0.57 | 1.47 | | | | | | | | | | | 0 |
| | 2007 | MC3 | 0.102 | 0 | 0.102 | | | | | | A | | | | | | | | | 0.102 | | | | | | | | | | 0 |
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| REMARKS: THIS DOES NO | OT REFLE | ст тні | E ARMY | r's bu | JYS WH | ICH M | AKE U | P THE | CONT | RACTO | DR'S 1 | -8-5 | PRODU | JCTIO | I RATI | ES. | | | | | | | | | | | | | | |

| Exhibit P-40, Budget I | tem Ju | stificatio | n | | | | Date: | | | |
|---------------------------------|----------|----------------|---------|--------------|--------------|--------------|--------------|---------|----------|---------|
| | | | | | | | FEBRUARY 200 |)6 | | |
| Appropriation Code/Budget Ad | ctivity/ | Serial Numbe | r: | | P-1 Item Nor | menclature: | | | | |
| Procurement of Ammunition, Navy | and Mari | ne Corps/2/Amm | unition | | (162500) FU | ZES, ALL TYP | ES | | | |
| Program Element for Code B | Items: | | | Other Relate | ed Program E | lements | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | А | 15.568 | 3.599 | 0.565 | 2.314 | 5.044 | 0.000 | 0.000 | | 27.090 |

Description:

The M782 Multi-Option Fuze for Artillery (MOFA) (DODIC NA09) is compatible with all current 155mm bursting type artillery projectiles and is fired from the M198 155mm Medium Towed Howitzer and the M777 Lightweight Towed Howitzer Weapon System. The MOFA is inductively set in either the Proximity, Electronic Time, Point detonating, or Delay mode. As a singular replacement for five different fuzes in the Marine Corps' inventory, the MOFA will reduce the logistical footprint and artillery ammunition handling requirements.

Fuze Electronic Time (DODIC NA17) is used with projectiles carrying payloads that are expelled during projectile flight (airburst). This fuze is fired from the M198 155mm Medium Towed Howitzer and the M777 Lightweight Towed Howitzer Weapon System. It has the capability to be set inductively or manually.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

| DODIC / Description | FY05 Supplemental Dollars Received |
|---------------------------|---|
| NA17, ET Fuze | 4.516 |
| Total Fuzes, All Types | 4.516 |

| Exhibit P-5, Cost Analysis | Weapon Sy | ystem | | | Date: FEBRUARY 2 | 2006 | | | | | | |
|---|--|--------|----------|----------|---------------------|----------|----------|-------|--------|-------|-----|--|
| Appropriation Code/Budget Activity/Serial | Number: | | ID Code: | | Item Nome | | <u> </u> | | | | | |
| Procurement of Ammunition, Navy and Marine Corp | | | A | | FUZES, AL | | | | | | | |
| riodicinent of minimization, havy and marine corp | D/ Z/ IIIIIIIIIII | FY05 | - 11 | (102500) | FY06 | <u> </u> | | FY07 | | | | |
| | Total | F105 | Unit | Total | F100 | Unit | Total | FIUT | Unit | Total | | Unit |
| LIDG COOR BI EMBNIEG | | 05 | | | 0.5 | | | 04 | | | 04 | |
| WBS COST ELEMENTS HARDWARE | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost |
| NA09, MULTI OPTION FUZE FOR ARTILLERY, M782 | | | | | | | | | | | | |
| FUZE M782 | 9.608 | 45,000 | 213.50 | 1.890 | 9,000 | 210.01 | | | | | | |
| M2A1 AMMO CAN* | 0.068 | 6,000 | 12.00 | .012 | 1,000 | 12.00 | | | | | | |
| MZAI AMMO CAN" | 0.008 | 8,000 | 12.00 | .012 | 1,000 | 12.00 | | | | | | |
| NA17, FUZE ELECTRONIC TIME M762A1 | | | | | | | | | | | | |
| FUZE ET M762A1 | 4.392 | 42,205 | 104.06 | 1.368 | 12,675 | 108.00 | 0.564 | 4,580 | 123.36 | | | |
| PRODUCT | | | | | | | | | | | | |
| ACCEPTANCE TESTING | 1.150 | | | 0.179 | | | 0.001 | | | | | |
| PRODUCTION ENGINEERING | 0.384 | | | 0.145 | | | | | | | | |
| QUALITY ASSURANCE | 0.034 | | | 0.017 | | | | | | | | |
| | | | | | | | | | | | | |
| NON-RECURRING COSTS | | | | | | | | | | | | |
| *GOVERNMENT FURNISHED MATERIAL | -0.068 | | | -0.012 | | | | | | | | |
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| TOTAL | 15.568 | | | 3.599 | | | 0.565 | | | | | |

| Exhibit P-5a, Procurement Histo | ory and | Planni | ng | | Weapon S | ystem | Date: FEBRUARY | 2006 | | |
|---|----------|--------|----------------------|----------|-----------|------------------------------------|-------------------|--------------|-----------|--|
| Appropriation Code/Budget Activity/Seri | al Numbe | r: | | P-1 Line | Item Nome | enclature: | | | | |
| Procurement of Ammunition, Navy and Marine Co | | | | | FUZES, A | | | | | |
| | | | | RFP | Contract | 1 | | Date of | Tech Data | Date |
| | | Unit | | Issue | Method | | Award | First | Available | |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | | Contractor and Location | Date | Delivery | Now? | Available |
| NAO9, MULTI OPTION FUZE FOR ARTILLERY, M782 | 201 | 0050 | 200402011 02 100 | Date | and Type | Concrete and Eccepton | Date | DCIIVCI | 210 11 1 | arrabro |
| FUZE M782 | | | | | | | | | | |
| FY 2005 | 45,000 | 213.50 | ARDEC, PICATINNY, NJ | NOV 04 | C/FFP | ALLIANT TECH SYS INC, PLYMOUTH, MN | FEB 05 | APR 06 | YES | |
| FY 2006 | 9,000 | | ARDEC, PICATINNY, NJ | NOV 05 | C/FFP | ALLIANT TECH SYS INC, PLYMOUTH, MN | FEB 06 | JAN 08 | YES | |
| | | | | | | | | | | |
| M2A1 AMMO CAN | | | | | | | | | | |
| FY 2005 | 42,205 | N/A | UNKNOWN | NOV 04 | N/A | STOCK ISSUE | FEB 05 | APR 06 | YES | |
| FY 2006 | 12,675 | | | NOV 05 | N/A | STOCK ISSUE | FEB 06 | JAN 08 | YES | |
| | | | | | | | | | | |
| NA17, FUZE ELECTRONIC TIME M762A1 | | | | | | | | | | |
| FUZE ET M762A1 | | | | | | | | | | |
| FY 2005 | 42,205 | 104.06 | ARDEC, PICATINNY, NJ | DEC 04 | C/FFP | BULOVA TECH., LANCASTER, PA | JUN 05 | JUL 06 | YES | |
| FY 2006 | 12,675 | | ARDEC, PICATINNY, NJ | DEC 05 | C/FFP | BULOVA TECH., LANCASTER, PA | MAR 06 | APR 07 | YES | |
| FY 2007 | 4,580 | 123.36 | ARDEC, PICATINNY, NJ | DEC 06 | C/FFP | BULOVA TECH., LANCASTER, PA | MAR 07 | APR 08 | YES | |
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| Exhibit P-21, Produc | cti | ion | Sch | ıedu | ıle | | | | | | | | | Date | : | | | | | | | | | | | | | | | |
|-------------------------------|------|----------|---------|---------|-------|----------|--------|-------|------|----------|----------|------|-------|----------|------|-----|-------|--------|--------|--------|-------|--------|----------|----------|-------|----------|------|--|----------|-----------------|
| | | | | | | | | | | | | | | FEBR | UARY | 200 | б | | | | | | | | | | | | | |
| Appropriation Code/Budget | ι Α | ctiv | /ity/ | /Seri | al N | umbe | r: | | | | Weap | on | | P-1 | Line | Ite | n Non | nencl | atur | e: | | | | | | | | | | |
| Procurement of Ammunition, Na | avy | and | Mari | ne Co | orps/ | 2/Amm | uniti | on | | | Syst | em | | (162 | 500) | DOD | IC: N | NA09, | MUL' | TI OF | TION | FUZ | E FOI | R ART | TILLE | RY, I | M782 | | | |
| | | | | | | | | | PRO | ODUCT: | ION R. | ATE | | | | | I | PROCUI | REMEN' | T LEAI | TIME | S | | | | | | | | |
| | М | lanuf | actur | rer's | Name | | | | | | | | | ALT E | rior | to | ALT A | After | | Initi | al Mf | Ēg . | Reord | der M | fg | | | Unit | of | |
| Item | a. | ınd L | ocati | ion | | | | Mo | CR | EC | ON | M | AX | Oct 1 | - | | Oct : | 1 | | PLT | | | PLT | | | Tota: | l | Measu | ıre | |
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| | | | | | | Fisc | cal Ye | ear | | 2005 | | | | <u> </u> | | | | Fisc | cal Y | ear | | 2006 | <u> </u> | | | | | | | |
| | | | | | | | | | Cale | ndar ' | Year | | 2005 | | | | | | | | | ndar : | Year | | 2006 | | | | | \neg |
| | Т | S | Q | D | В | 0 | N | D | J | F | М | A | М | J | J | A | S | 0 | N | D | J | F | М | A | М | J | J | A | S | В |
| F | | V | Т | E | A | С | 0 | E | A | E | A | P | A | Ū | U | U | E | С | 0 | E | A | E | A | P | A | Ū | U | U | E | A |
| Item Y | _ | C | Y | L | L | Т | V | C | N | В | R | R | Y | N | L | G | P | Т | V | C | N | В | R | R | Y | N | L | G | P | L |
| NA09 200 | _ | C1 | 45 | 0 | 45 | | | | | A | | | | | | | | | | | | | | 22 | 22 | 1 | | <u> </u> | | 0 |
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| | | • | | | | Fisc | cal Ye | ear | | 2007 | | | | | | | | Fisc | cal Y | ear | | 2008 | | | | | | | | |
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| | | S | Q | D | В | 0 | N | D | J | F | M | A | M | J | J | A | S | 0 | N | D | J | F | М | A | M | J | J | A | S | В |
| F | | V | T | E | A | C | 0 | E | A | E | A | P | A | U | U | U | E | C _ | 0 | E | A | E | A | P | A | U | U | U | E | A |
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| REMARKS: THIS DOES NOT REFLEC | CT ' | THE A | ARMY' | S BUY | S WH | ICH M | AKE U | P THE | CONT | RACTO | R'S 1 | -8-5 | PRODU | JCTION | RATE | ES. | | | | | | | | | | | | | | |

| Exhibit P-40, Bu | ıdget I | tem Justif | ication | | | | Date: | | | |
|-------------------------|------------|----------------|----------------|--------------|---------------|------------|--------------|---------|----------------|------------------|
| | | | | | | | FEBRUARY 200 | 6 | | |
| Appropriation Code/B | udget A | ctivity/Seria | l Number: | | P-1 Item Nom | enclature: | | | | |
| Procurement of Ammuniti | on, Navy | and Marine Cor | ps/2/Ammunitio | n | (162800) NON | -LETHALS | | | | |
| Program Element for | Code B I | Items: | | Other Relate | d Program Ele | ements | | | | |
| | ID Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | To Complete | Total Program |
| Proc Qty | 0000 | 11 2005 | 11 2000 | 11 2007 | 11 2000 | 11 2003 | 11 2010 | 11 2011 | oomp1000 | 110914 |
| Gross Cost | А | 1.140 | 1.112 | 4.030 | 4.174 | 5.731 | 0.000 | 0.000 | | 16.187 |

Description: The Cartridge, 12 Gauge Non-Lethal Bean Bag (DODIC AA29) is intended for use in crowd control situations where the use of non-lethal force is desired. This cartridge is used with the M500, M590, and M870 12 gauge auto-loading and pump action shotguns. The plastic sleeve contains a lead shot-filled fabric or nylon bag.

The Cartridge, 12 Gauge Rubber Fin Stabilized Non-Lethal (DODIC AA31) ammunition is intended for use in crowd control situations where the use of nonlethal force is desired. This cartridge is used with the M500, M590, and M870 12-gauge, auto loading, and pump-action shotguns. The transparent plastic sleeve contains a rubber, fin stabilized projectile.

The Cartridge, 40mm Foam Rubber Baton Non-Lethal (DODIC BA07) is intended for use in scenarios where the use of lethal incapacitating force is not warranted. The cartridge is used in M203 Grenade Launchers. The projectile consists of three foam rubber batons in an aluminum case.

The Cartridge, 40mm Rubber Ball Non-Lethal (DODIC BA08) is intended for use in scenarios where the use of lethal incapacitating force is not warranted. The cartridge is used in the M203 Grenade Launcher. The cartridge contains 22 each .60 caliber rubber balls in an aluminum cartridge case. The rubber balls have a nominal velocity of 325 feet/second at a distance of 3 feet from the muzzle of the M203 Grenade Launcher.

The Charge, Diversionary MK141 Mod 0 (DODIC DWBS) is a pyrotechnic device used for diversionary purposes. The Charge, Diversionary is a low hazard, nonshrapnel producing explosive device that produces an intense flash and sound report with a minimal amount of smoke.

The (DODIC FZ14), L96E1 66mm anti riot CS (orthochlorobenzalmalonitrile) grenade is used in the Light Vehicle Obscurant Smoke System (LVOSS). It is comprised of 23 individual cannisters remotely fired from the vehicle interior.

The (DODIC FZ15), L97E1 66mm anti riot cinammic acid grenade is used in training on the Light Vehicle Obscurant Smoke System (LVOSS). It is comprised of 23 individual cannisters remotely fired from the vehicle interior.

The M98 distraction grenade (DODIC FZ16) uses a pyrotechnic charge for crowd control through audio and visual stimuli. The M98 is used with the Light Vehicle Obscurant Smoke System (LVOSS).

The M99 Blunt Trauma Grenade (DODIC FZ17) uses a pyrotechnic charge to discharge 32 rubber balls and achieve crowd control through physical stimuli. The M99 is used with the Light Vehicle Obscurant Smoke System (LVOSS).

| Exhibit P-40, Bu | ıdget I | Item Justi | fication, | Continued | | | Date: | | | |
|------------------------|----------|----------------|---------------|--------------|--------------|-------------|--------------|---------|----------|---------|
| | | | | | | | FEBRUARY 200 | 16 | | |
| Appropriation Code/E | Budget A | ctivity/Seria | al Number: | | P-1 Item Nom | menclature: | | | | |
| Procurement of Ammunit | ion, Nav | y and Marine C | orps/2/Ammuni | tion | (162800) NON | I-LETHALS | | | | |
| Program Element for | Code B | Items: | | Other Relate | d Program El | ements | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| Proc Qty | | | | | | | | | | |
| Gross Cost | А | 1.140 | 1.112 | 4.030 | 4.174 | 5.731 | 0.000 | 0.000 | | 16.187 |

The Fuze, Hand Grenade M201A1/M201A1-1 (DODIC G874) is a pyrotechnic delay-igniting fuze. The body contains a primer, first-fire mixture, pyrotechnic delay column, and ignition mixture. The M201A1-1 (1330-01-456-5059) is used on the Grenade, Practice Body Non-Lethal (DODIC GG05).

The Grenade, Practice Body Non-Lethal (DODIC GG05) is the practice version of DODIC GG04. The grenade body is a rubber sphere that contains a fuze well liner and is filled with .50 caliber rubber pellets. The rubber ball pellets remain within the body. The grenade body was designed to be utilized with the M201A1-1 Pyrotechnic Delay-igniting Fuze (DODIC G874).

The Grenade, Practice Body Non-Lethal (DODIC GG13) will replace GG05 and is the practice version of DODIC GG04. The grenade body is a rubber sphere that contains a fuze well liner and is filled with .50 caliber rubber pellets. The rubber ball pellets remain within the body. The grenade body was designed to be utilized with the M201A1-1 Pyrotechnic Delay-igniting Fuze (DODIC G874/GG14).

The Fuze, Hand Grenade (DODIC GG14) is a pyrotechnic delay-igniting fuze. The body contains a primer, first-fire mixture, pyrotechnic delay column, and ignition mixture.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

| Exhibit P-40a, Budget Item Justifi | cati | on for A | ggregate | d Items | | | | Date: | | |
|---|---------|----------|----------|------------|------------|-----|---|------------|----------|-------|
| | | | | | | | | FEBRUARY 2 | 2006 | |
| Appropriation Code/Budget Activity/Serial N | Number | : | | P-1 Item N | omenclatur | re: | | | | |
| Procurement of Ammunition, Navy and Marine Corps/ | /2/Ammu | nition | | (162800) N | ON-LETHALS | 3 | • | • | | |
| | ID | | | | | | | | То | |
| | Code | FY2005 | FY2006 | FY2007 | | | | | Complete | Total |
| AA29, CTG, 12 GA BEAN BAG, NON LETHAL | A | 0.000 | 0.000 | 0.185 | | | | | | |
| QTY | | 0 | 0 | 42,431 | | | | | | |
| | | | | | | | | | | |
| AA31, CTG, 12 GA RUBBER, FIN STABILIZED | A | 0.000 | 0.000 | 0.185 | | | | | | |
| QTY | | 0 | 0 | 61,666 | | | | | | |
| | | | | | | | | | | |
| BA07, CTG, 40MM FOAM RUBBER BATON, NON-LETHAL | А | 0.000 | 0.000 | 0.835 | | | | | | |
| QTY | | 0 | 0 | 105,429 | | | | | | |
| | | | | | | | | | | |
| BA08, CTG, 40MM RUBBER BALL, NON-LETHAL | A | 0.000 | 0.000 | 0.181 | | | | | | |
| QTY | | 0 | 0 | 22,911 | | | | | | |
| | | | | | | | | | | |
| DWBS, CHARGE, DIVERSIONARY MK 141/0 | А | 0.263 | 0.000 | 0.883 | | | | | | |
| QTY | | 6,722 | 0 | 21,562 | | | | | | |
| | | | | | | | | | | |
| G874, FUZE, GRENADE DETONATING | А | 0.000 | 0.242 | 0.079 | | | | | | |
| QTY | | 0 | 69,142 | 21,883 | | | | | | |
| | | | | | | | | | | |
| GG05, GRENADE, HAND, PRACTICE, NON-LETHAL | A | 0.000 | 0.140 | 0.073 | | | | | | |
| QTY | | 0 | 12,058 | 5,988 | | | | | | |
| | | | | | | | | | | |
| GG13, NOMENCLATURE TBD | А | 0.115 | 0.000 | 0.000 | | | | | | |
| QTY | | 10,123 | 0 | 0 | | | | | | |
| | | | | | | | | | | |
| GG14, FUZE, HAND GRENADE | А | 0.100 | 0.000 | 0.000 | | | | | | |
| QTY | | 16,366 | 0 | 0 | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TOTAL | | 0.478 | 0.382 | 2.421 | | | | | | |

| Exhibit P-5, Cost Analysis | Weapon System ial Number: ID Code: P-1 | | | | Date: FEBRUARY 2 | 006 | | | | | | |
|---|---|-------|----------|----------|---------------------|--------|-------|-------|--------|-------|-----|------|
| Appropriation Code/Budget Activity/Serial | Number: | | ID Code: | P-1 Line | | | : | | | | | |
| Procurement of Ammunition, Navy and Marine Corp | | ion: | A | | NON-LETHAL | | | | | | | |
| | | FY05 | | , | FY06 | | | FY07 | | | | |
| | Total | | Unit | Total | | Unit | Total | | Unit | Total | | Unit |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost |
| FZ14, RIOT CONTROL (CS) GRENADE L96 | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 0.299 | 1,879 | 159.13 | 0.138 | 790 | 174.68 | 0.042 | 230 | 181.46 | | | |
| FZ15, PRAC RIOT CONTRL (CS) GREN L97 | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 0.353 | 2,972 | 118.78 | 0.092 | 751 | 122.50 | 0.096 | 770 | 124.68 | | | |
| FZ16, DISTRACTION GREN, M98 F/LVOS | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 0.000 | 0.000 | 0.000 | 0.292 | 1,399 | 208.72 | 0.374 | 1,753 | 213.35 | | | |
| FZ17, BLUNT TRAUMA GREN, M99 F/LVOS | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 0.000 | 0.000 | 0.000 | 0.084 | 385 | 218.18 | 0.987 | 3,960 | 249.24 | | | |
| PRODUCT | | | | | | | | | | | | |
| PRODUCTION ENGINEERING | 0.010 | | | 0.106 | | | 0.110 | | | | | |
| NONRECURRING | | | | | | | | | | | | |
| SHIPPING | | | | 0.018 | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTAL | 0.662 | | | 0.730 | | | 1.609 | | | | | |

| Exhibit P-5a, Procurement | Histo | ry and | Planning | | Weapon S | System | Date: | | | |
|--------------------------------------|-----------|----------|----------------------|--------|----------|------------------------------------|----------|----------|-----------|-----------|
| | | | | ı | | | FEBRUARY | 2006 | | |
| Appropriation Code/Budget Activ | | | | | | omenclature: | | | | |
| Procurement of Ammunition, Navy and | Marine Co | rps/2/Am | munition | |) NON-LE | THALS | 1 | 1 | 1 | |
| | | | | RFP | Contract | | | Date of | Tech Data | |
| | | Unit | | Issue | Method | | Award | First | Available | Revisions |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available |
| FZ14, RIOT CONTROL (CS) GRENADE L96 | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 1,879 | 159.13 | ARDEC, PICATINNY, NJ | OCT 04 | SS/FFP | PW DEFENSE, DRAYCOTT, UK | MAR 05 | SEP 05 | YES | |
| FY 2006 | 790 | 174.68 | ARDEC, PICATINNY, NJ | OCT 04 | SS/FFP | PW DEFENSE, DRAYCOTT, UK | MAR 06 | SEP 06 | YES | |
| FY 2007 | 230 | 181.46 | ARDEC, PICATINNY, NJ | OCT 04 | SS/FFP | PW DEFENSE, DRAYCOTT, UK | MAR 07 | SEP 07 | YES | |
| FZ15, PRAC RIOT CONTRL (CS) GREN L97 | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2005 | 2,972 | 118.78 | ARDEC, PICATINNY, NJ | OCT 04 | SS/FFP | PW DEFENSE, DRAYCOTT, UK | MAR 05 | SEP 05 | YES | |
| FY 2006 | 751 | 122.50 | ARDEC, PICATINNY, NJ | OCT 04 | SS/FFP | PW DEFENSE, DRAYCOTT, UK | MAR 06 | SEP 06 | YES | |
| FY 2007 | 770 | 124.68 | ARDEC, PICATINNY, NJ | OCT 04 | SS/FFP | PW DEFENSE, DRAYCOTT, UK | MAR 07 | SEP 07 | YES | |
| FZ16, DISTRACTION GREN, M98 F/LVOS | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2006 | 1,399 | 200 72 | ARDEC, PICATINNY, NJ | OCT 05 | SS/FFP | PINE BLUFF ARSENAL, PINE BLUFF, AR | MAR 06 | SEP 06 | YES | |
| FY 2007 | 1,753 | | ARDEC, PICATINNY, NJ | OCT 05 | SS/FFP | PINE BLUFF ARSENAL, PINE BLUFF, AR | MAR 07 | SEP 07 | YES | |
| F1 2007 | 1,755 | 213.33 | ARDEC, PICATINNI, NO | 001 03 | 35/FFF | PINE BLUFF ARGENAL, PINE BLUFF, AR | MAR 07 | SEP 07 | CAI | |
| FZ17, BLUNT TRAUMA GREN, M99 F/LVOS | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | |
| FY 2006 | 385 | 218.18 | ARDEC, PICATINNY, NJ | OCT 05 | SS/FFP | PINE BLUFF ARSENAL, PINE BLUFF, AR | MAR 06 | SEP 06 | YES | |
| FY 2007 | 3,960 | 249.24 | ARDEC, PICATINNY, NJ | OCT 05 | SS/FFP | PINE BLUFF ARSENAL, PINE BLUFF, AR | MAR 07 | SEP 07 | YES | |
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| Exhibit P-40, Bu | udget I | Item Justi | fication | | | | Date: | | | | |
|----------------------------|------------|---------------|--------------|---------|-------------------------|------------|--------------|---------|--|----------------|------------------|
| | | | | | | | FEBRUARY 200 | 16 | | | |
| Appropriation Code/I | Budget A | activity/Seri | al Number: | | P-1 Item Nom | enclature: | | | | | |
| Procurement of Ammunit | ion | (163000) AMM | O MODERNIZAT | CION | | | | | | | |
| <u> </u> | | | | | elated Program Elements | | | | | | |
| | ID Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | | To Complete | Total Program |
| D-1 Ob | code | F1 2005 | F1 2006 | F1 2007 | F1 2008 | F1 2009 | F1 2010 | FI ZUII | | Complete | Program |
| roc Qty | | | | | | | | | | | |
| Gross Cost A 7.485 8.948 7 | | | | 7.732 | 8.260 | 8.581 | 8.971 | 9.329 | | | 59.306 |

Description: The 40MM Ammunition Modernization (Ammo Mod) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

The Rockets Ammunition Modernization (Ammo Mod) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

The Line charges Ammunition Modernization (Ammo Mod) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

The Components Ammunition Modernization (Ammo Mod) consists of the procurement of components of various items/DODICs and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

The Missiles Ammunition Modernization (Ammo Mod) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

The Quality Evaluation Ammunition Modernization (Ammo Mod) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

FY06 funding includes a Congressional Add of \$1.7M for Multi-Purpose Optic - USMC Systems Command.

| Exhibit P-40a, Budget Item Justif: | icati | on for A | ggregate | d Items | | | | Date: FEBRUARY 2 | 2006 | |
|--|--------|----------|----------|------------|----------------|---------|--|---------------------|----------|-------|
| Appropriation Code/Budget Activity/Serial | Number | . • | | P-1 Item N | Iomenal atur | · · | | FEBRUARY A | 2006 | |
| Procurement of Ammunition, Navy and Marine Corps | | | | | MMO MODERN | | | | | |
| Floculement of Ammanition, Navy and Marine Corps | ID | mircion | | (103000) P | IPINO PIODEICI | IZATION | | | То | |
| | Code | FY2005 | FY2006 | FY2007 | | | | | Complete | Total |
| AM01, CTG, 40MM | А | 7.307 | 2.804 | 1.374 | | | | | | |
| QTY | | 0 | 0 | 0 | | | | | | |
| | | | | | | | | | | |
| AM02, ROCKETS AMMO MOD | A | 0.031 | 1.228 | 1.272 | | | | | | |
| QTY | | 0 | 0 | 0 | | | | | | |
| | | | | | | | | | | |
| AM03, LINE CHARGE AMMO MOD | A | 0.041 | 1.228 | 1.272 | | | | | | |
| QTY | | 0 | 0 | 0 | | | | | | |
| | | | | | | | | | | |
| AM04, COMPONENTS AMMO MOD | A | 0.041 | 1.228 | 1.272 | | | | | | |
| QTY | | 0 | 0 | 0 | | | | | | |
| | | | | | | | | | | |
| AM05, MISSLE COMP AMMO MOD | A | 0.033 | 1.228 | 1.272 | | | | | | |
| QTY | | 0 | 0 | 0 | | | | | | |
| | | | | | | | | | | |
| AM06, QUAL EVAL AMMO MOD | A | 0.032 | 1.232 | 1.270 | | | | | | |
| QTY | | 0 | 0 | 0 | | | | | | |
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| | | | | | | | | | | |
| P40A Totals | | 7.485 | 8.948 | 7.732 | | | | | | |

| Exhibit P-40, Bu | ıdget 1 | Item Justi | fication | | Date: | | | | | |
|--------------------------------------|---------------|----------------|------------|--------------|---------------|-------------|--------------|---------|----------|---------|
| | | | | | | | FEBRUARY 200 | 6 | | |
| Appropriation Code/E | Budget A | ctivity/Seri | al Number: | | P-1 Item Nom | enclature: | | | | |
| Procurement of Ammuniti | and Marine Co | orps/2/Ammunit | ion | (166000) ITE | MS LESS THAN | \$5 MILLION | | | | |
| | | | | Other Relate | ed Program El | ements | | | | |
| rogram Element for Code B Items: Oth | | | | | | | | | | |
| | ID | | | | | | | | То | Total |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| roc Qty | | | | | | | | | | |
| | | | | 0.000 | 0.000 | 1.946 | 1.659 | 1.669 | | 28.048 |

Description: This funding (DODIC A001) supports the procurement of components used in building small arms cartridges in support of the Marine Corps Rifle Team, Quantico, Virginia.

The Cartridge, 12 Gauge #00 Buckshot M162 (DODIC A011) is used for training, combat, and guard purposes with the M500, M590, and M870 12-gauge Auto-loading and Pump action Shotguns.

The Cartridge, 12 Gauge door breaching MK246 Mod 0 (DODIC A024) is used to destroy locks and hinges on doors and automobiles with little or no collateral damage to the interior.

The Cartridge, Caliber .22 Long Rifle Match (DODIC A091) is used in .22 caliber Remington Model 40X-H1 rifles for military marksmenship training.

The Cartridge, Caliber .30 Blank M1909 (DODIC A222) is used for simulated firing in training or saluting purposes in the M1903 or M1 .30 Caliber Rifles.

The Cartridge, Caliber .45 Ball M1911 (DODIC A475) is intended for use against personnel and used in the M1911/A1 Automatic Pistols, M1, M1A1, and M3 Submachine Guns.

The Cartridge, 12 Gauge #00 Buckshot 3" (DODIC AA60) is used for training, combat, and guard purposes with the Joint Service Combat Shotgun.

The Cartridge, Explosive Ordnance Disposal, 12 Gauge, MK274 MOD 0, Ultra Velocity Slug (DODIC AA62) is used in the Improvised Explosive Device (IED) standoff disrupter.

The Cartridge, Explosive Ordnance Disposal, 12 Gauge, MK275 MOD 0, (DODIC AA63) is used in the Improvised Explosive Device (IED) standoff disrupter.

The Cartridge, Explosive Ordnance Disposal, 12 Gauge, MK276 MOD 0, Low Velocity Blank (DODIC AA64) is used in the Improvised Explosive Device (IED) standoff disrupter package 160 Cartridge M2A1 Ammunition Container.

| Exhibit P-40, | Budget I | tem Justif | ication, (| Continued | | | Date: | | | | | |
|----------------------|--|---------------|--------------|--------------|-----------------|--------------|--------------|--------------|----------------|----------------|----------|--|
| | | | | | | | FEBRUARY 200 | 6 | | | | |
| Appropriation Cod | e/Budget Ad | ctivity/Seria | l Number: | | P-1 Item Nom | menclature: | | | | | | |
| Procurement of Ammur | ocurement of Ammunition, Navy and Marine Corps/2/Ammun | | | | (166000) ITE | MS LESS THAN | \$5 MILLION | | | | | |
| - | | | | | ed Program El | ements | | | | | | |
| | ID | | | | | | | | | То | Total | |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | | Complete | Program | |
| Proc Qty | | | | | | | | | | | | |
| Gross Cost | A | 4.756 | 18.018 | 0.000 | 0.000 | 1.946 | 1.659 | 1.669 | | | 28.048 | |
| Contrides Erroles | irra Ondnan | ao Diamogol | 10 Course MV | 270 MOD 0 (D | logir Davidos F | lank) (DODIC | · 7766\ ia. | and in the T | manarriand Err | mlagirra Darri | ac (TED) | |

Cartridge, Explosive Ordnance Disposal, 12 Gauge, MK278 MOD 0 (Black Powder Blank) (DODIC: AA66), is used in the Improvised Explosive Device (IED) standoff disrupter.

The Cartridge, 75mm Blank M337A2 (DODIC C025) consists of a cartridge case of brass or aluminum containing loosely packed black powder and a press-fitted percussion primer. A fiberglass wad is inserted over the black powder and a polystyrene closing cup is cemented in place with a polyester resin adhesive. The M337A2 Cartridge is fired from the M116, M120, M1A1, M1A1C, and M3 Howitzer assemblies. Funds are identified to support drug interdiction requirements.

Funds are identified to support drug interdiction requirements (DODIC: DRUG INT).

Cartridge, 12 Gauge, MK 277 Mod 0 (Enhanced Blank), (DODIC DWEC) is used in the Improvised Explosive Device (IED).

Cartridge, 12 Gauge, MK 279 Mod 0 (Steel Slug) (DODIC: DWED), is used in the Improvised Explosive Device (IED) standoff disrupter.

Cartridge, 12 Gauge, MK 280 Mod 0 (Aluminum Slug) (DODIC: DWEE), is used in the Improvised Explosive Device (IED) standoff disrupter.

Pyrotechnic Lead Spool, Assembly, MK 34 MOD 0 (for Pyrotechnic Lead, 1000 FT) (DODIC: DWEI), is packaged 2 reels per CNU - 405/E Ammunition Container.

| Exhibit P-40, Budget Ite | em Jus | tification | , Continu | ed | | | Date: | | | | | |
|--|----------|----------------|---------------|---------------|--------------|---------------|---------------|--------------|-------------|-------------|---------|--|
| | | | | | | | FEBRUARY 200 | 06 | | | | |
| Appropriation Code/Budget Act | ivity/S | erial Number | : | - | P-1 Item Non | menclature: | | | | | | |
| Procurement of Ammunition, Navy as | nd Marin | e Corps/2/Ammu | nition | | (166000) ITI | EMS LESS THAN | N \$5 MILLION | | | | | |
| Program Element for Code B It | .ems: | | | Other Relate | ed Program E | lements | | | | | | |
| ID To Total | | | | | | | | | | | | |
| | Code | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | | Complete | Program | |
| Proc Qty | | | | | | | | | | | | |
| Gross Cost | А | 4.756 | 18.018 | 0.000 | 0.000 | 1.946 | 1.659 | 1.669 | | | 28.048 | |
| Transportation funds (FDTC) are required to support the distribution of Marine Corps' ammunition end items from manufacturing plants assembly points. These funds directly support training and readiness requirments of Marines in the field (CONUS or OCONUS). The Canine Explosive Scent Kit (DODIC: MN01) is composed of different samples of common explosives used to train dogs to detect explosives. The samples are packaged in individual containers. The types of explosives can vary based on the type of training being conducted. These samples may be of dynamite, timesafety fuze, C4, TNT, detonating cord, smokeless powder, and water gel explosive. | | | | | | | | | | | | |
| These funds support the Marin | ıe Secur | ity Guard Ba | ttalion (DOJ | DIC: MSGB) ar | mmunition re | quirements w | hich are pro | cured throug | gh the U.S. | State Depar | tment. | |
| Funding changes are based on starting inventory, the top l a year and result in fluctuat | level fu | anding provide | led and progr | | - | | | | _ | | _ | |

FY05 funding includes \$.041M Supplemental funding for A222 .30 Cal Blank and FY06 funding includes \$16.5M provided in Title IX.

| Exhibit P-40a, Budget Item Justific | ation | n for Agg | gregated | Items | | | | Date: FEBRUARY 2006 | | |
|--|-------|-----------|-----------|------------|-------------|------------|--------|---------------------|----------|-------|
| Appropriation Code/Budget Activity/Serial Nu | mber: | | | P-1 Item N | Iomenclatu: | re: | | FEBROART A | 2000 | |
| Procurement of Ammunition, Navy and Marine Corps/: | | ition | | | | THAN \$5 M | ILLION | | | |
| | ID | | | , , , , | | | | | То | |
| | Code | FY2005 | FY2006 | FY2007 | | | | | Complete | Total |
| A001, RIFLE TEAM AMMUNITION | A | 0.199 | 0.845 | 0.000 | | | | | | |
| QTY | | 0 | 0 | 0 | | | | | | |
| | | | | | | | | | | |
| A024, CTG, 12 GAGE LOCKBUSTER* | A | 0.000 | 0.611 | 0.000 | | | | | | |
| QTY | | 0 | 718,823 | 0 | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| A091, CTG, CAL.22 LR MATCH F/RIFLE* | A | 0.000 | 0.294 | 0.000 | | | | | | |
| QTY | | 0 | 1,547 | 0 | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| AA60, CTG 12 GUAGE SHOTGUN 3" 00 BUCKSHOT | A | 0.386 | 3.221 | 0.000 | | | | | | |
| QTY | | 772,000 | 6,194,230 | 0 | | | | | | |
| | | | | | | | | | | |
| AA62, CARTRIDGE, 12 GAUGE ULTRA VELOCITY SLUG | A | 0.000 | 0.003 | 0.000 | | | | | | |
| QTY | | 0 | 721 | 0 | | | | | | |
| | | | | | | | | | | |
| AA63, CARTRIDGE, 12 GAUGE AVON MK275 MOD 0 | А | 0.000 | 0.003 | 0.000 | | | | | | |
| QTY | | 0 | 480 | 0 | | | | | | |
| | | | | | | | | | | |
| AA64, CARTRIDGE, 12 GAUGE LOW VELOCITY BLANK | А | 0.000 | 0.003 | 0.000 | | | | | | |
| QTY | | 0 | 1,714 | 0 | | | | | | |
| | | | | _ | | | | | | |
| AA66, CARTRIDGE, 12 GAUGE COM. BLACK POWDER | А | 0.000 | 0.003 | 0.000 | | | | | | |
| QTY | | 0 | 1,224 | 0 | | | | | | |
| | | | | | | | | | | |
| DWEC, CARTRIDGE, 12 GAUGE ENHANCED BLANK MK277 | A | 0.000 | 0.006 | 0.000 | | | | | | |
| QTY | | 0 | 1,445 | 0 | | | | | | |
| | | | | | | | | | | |
| P-40A Sub-Total | | 0.585 | 4.989 | 0.000 | | | | | | |

^{*} FY06 funds to be applied in FY07

| Exhibit P-40a, Budget Item Justific | ation | n for Agg | gregated | Items | Date: |
|--|------------|-----------|----------|------------|--|
| | | | | | FEBRUARY 2006 |
| Appropriation Code/Budget Activity/Serial Num | mber: | | | P-1 Item N | Nomenclature: |
| Procurement of Ammunition, Navy and Marine Corps/2 | 2/Ammur | nition | | (166000) 1 | ITEMS LESS THAN \$5 MILLION |
| | ID Code | FY2005 | FY2006 | FY2007 | To Complete Total |
| DWED, CARTRIDGE, 12 GAUGE CUSTOM STEEL SLUG MK | A | 0.000 | 0.006 | | |
| QTY | | 0.000 | 916 | 0.000 | |
| × | | | | | |
| DWEE, CARTRIDGE, 12 GAUGE ALUMINUM SLUG MK280 | А | 0.000 | 0.006 | 0.000 | |
| QTY | | 0 | 916 | 0 | 0 |
| | | | | | |
| DWEI, PYROTECHNIC INITIATOR MK34 MOD 0 | A | 0.000 | 3.823 | 0.000 | |
| QTY | | 0 | 249,380 | 0 | 0 |
| | | | | | |
| FDTC, FIRST DEST TRANS CHARGE | A | 2.780 | 4.566 | 0.000 | |
| QTY | | 0 | 0 | 0 | |
| MN01, SCENT KIT EXPL DETECT DOG | A | 0.044 | 0.090 | 0.000 | |
| QTY | | 55 | 111 | 0 | 0 |
| | | | | | |
| MSGB, MARINE SECURITY GUARD BATTALION AMMO | A | 0.359 | 1.594 | 0.000 | |
| QTY | | 0 | 0 | 0 | 0 |
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| | | | | | |
| P-40A Sub-Total | | 3.183 | 10.085 | 0.000 | |
| P-40A Total | | 3.768 | 15.074 | 0.000 | |

| Exhibit P-5, Cost Analysis | Weapon System | | | | | Date: | | | | | | |
|---|---------------|-----------|----------|----------|------------|------------|---------|------|------|-------|-----|------|
| | | | | | FEBRUARY 2 | 2006 | | | | | | |
| Appropriation Code/Budget Activity/Serial | Number: | | ID Code: | P-1 Line | Item Nome | nclature | : | | | | | |
| Procurement of Ammunition, Navy and Marine Corp | s/2/Ammuni | tion | А | (166000) | ITEMS LES | S THAN \$5 | MILLION | Г | | | | |
| | | FY05 | | | FY06 | | | FY07 | | | | |
| | Total | | Unit | Total | | Unit | Total | | Unit | Total | | Unit |
| WBS COST ELEMENTS | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost | Cost | Qty | Cost |
| HARDWARE | | | | | | | | | | | | |
| A011, CTG, 12 GAGE #00 BUCKSHOT | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 0.011 | 37,142 | 0.30 | | | | | | | | | |
| BOX METAL M2A1(EA) | 0.002 | 232 | 8.62 | | | | | | | | | |
| | | | | | | | | | | | | |
| A222, CTG, CAL. 30 BLANK | | | | | | | | | | | | |
| COMPLETE ROUND | 0.036 | 241,176 | 0.15 | 0.008 | 50,000 | 0.16 | | | | | | |
| | | | | | | | | | | | | |
| A475, CTG, CAL .45 BALL | | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | 0.439 | 1,996,428 | 0.22 | 2.164 | 9,837,931 | 0.22 | | | | | | |
| BOX METAL M2A1(EA) | 0.015 | 1,986 | 7.65 | 0.077 | 9,787 | 7.87 | | | | | | |
| | | | | | | | | | | | | |
| C025, CTG, 75MM BLANK SLAUTE | | | | | | | | | | | | |
| COMPLETE ROUND | | | | 0.079 | 1,519 | 52.00 | | | | | | |
| | | | | | | | | | | | | |
| DRUG INTERDICTION | | | | | | | | | | | | |
| QTY | 0.375 | 781,250 | 0.48 | | | | | | | | | |
| | | | | | | | | | | | | |
| PRODUCT | | | | | | | | | | | | |
| INDUSTRIAL STOCK SUPPORT | | | | | | | | | | | | |
| INTERIM TRANSPORTATION | | | | | | | | | | | | |
| PRODUCTION ENGINEERING | 0.025 | | | 0.183 | | | | | | | | |
| QUALITY ASSURANCE | 0.004 | | | 0.02 | | | | | | | | |
| | | | | | | | | | | | | |
| NONRECURRING | | | | | | | | | | | | |
| CONTINGENCY | 0.081 | | | 0.413 | | | | | | | | |
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| TOTAL | 0.988 | | | 2.944 | | | | | | | | |
| | 0.,00 | | | 2.,,11 | | | | | l | l | | |

| Exhibit P-5a, Procurement Hi | story and | d Planni | ng | | Weapon Sy | stem | Date: FEBRUARY | 2006 | | | |
|--|---------------|----------------|---------------------|-----------|-----------|--------------------------------|-------------------|----------|-----------|-----------|--|
| Appropriation Code/Budget Activity | /Cominal Num | hor: | | D 1 Tino | Item Nome | anglaturo: | FEBRUART | 2000 | | | |
| | | | | | | S THAN \$5 MILLION | | | | | |
| Procurement of Ammunition, Navy and Mari | Ine Corps/2/A | illilliumicion | | RFP | Contract | THAN \$5 MILLION | | D-45 | Tech Data | D-+- | |
| | | | | | | | - 1 | | | | |
| | | Unit | | Issue | Method | | Award | First | | Revisions | |
| WBS COST ELEMENTS | Qty | Cost | Location of PCO | Date | and Type | Contractor and Location | Date | Delivery | Now? | Available | |
| HARDWARE | | | | | | | <u> </u> | | - | | |
| A011, CTG, 12 GAGE #00 BUCKSHOT | | | | | | | | | | | |
| LOAD, ASSEMBLE & PACK (LAP) | | | | | | <u> </u> | | | | | |
| FY05 | 37,142 | 0.30 | JMC, ROCK ISLAND, I | L OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 05 | JUL 05 | YES | | |
| BOX METAL M2A1(EA) | _ | | 1 | 1 | | T | | | | | |
| FY05 | 232 | 8.62 | JMC, ROCK ISLAND, I | L UNKNOWN | C/FFP | A/S RAUFOSS, NORWAY | JAN 05 | JUL 05 | YES | | |
| A222, CTG, CAL. 30 BLANK | | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | | |
| FY 05 | 241,176 | 0.15 | JMC, ROCK ISLAND, I | L UNKNOWN | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 05 | OCT 05 | YES | | |
| FY 06 | 50,000 | | JMC, ROCK ISLAND, I | | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | DEC 05 | OCT 06 | YES | | |
| | | | | | | | | | | | |
| A475, CTG, CAL .45 BALL | | | | | | | | | | | |
| COMPLETE ROUND | | | | | | | | | | | |
| FY 05 | 1,996,428 | 0.22 | JMC, ROCK ISLAND, I | L UNKNOWN | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | FEB 05 | FEB 06 | YES | | |
| FY 06 | 9,837,931 | 0.22 | JMC, ROCK ISLAND, I | L UNKNOWN | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | FEB 06 | FEB 07 | YES | | |
| BOX METAL M2A1(EA) | • | | • | • | | | | • | • | | |
| FY 05 | 1,986 | 7.65 | JMC, ROCK ISLAND, I | L UNKNOWN | C/FP | BWAY CORP, ATLANTA, GA | MAR 05 | MAY 05 | YES | | |
| FY 06 | 9,787 | 7.87 | JMC, ROCK ISLAND, I | L UNKNOWN | C/FP | BWAY CORP, ATLANTA, GA | MAR 06 | MAY 06 | YES | | |
| | | | | | | | | | | | |
| C025, CTG, 75MM BLANK SLAUTE | | | | | | | | | | | |
| FY 06 | 1,519 | 52.00 | JMC, ROCK ISLAND, I | L JAN 06 | C/FFP | ALLIANT TECH, INDEPENDENCE, MO | MAR 06 | MAR 07 | NO | | |
| | | | | | | | | | | | |
| DRUG INTERDICTION | | | | | | | | | | | |
| FY 05 | 781,250 | 0.48 | JMC, ROCK ISLAND, I | L OCT 04 | SS/FP | ALLIANT TECH, INDEPENDENCE, MO | JAN 05 | OCT 05 | YES | | |
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